



Correspondent Publications



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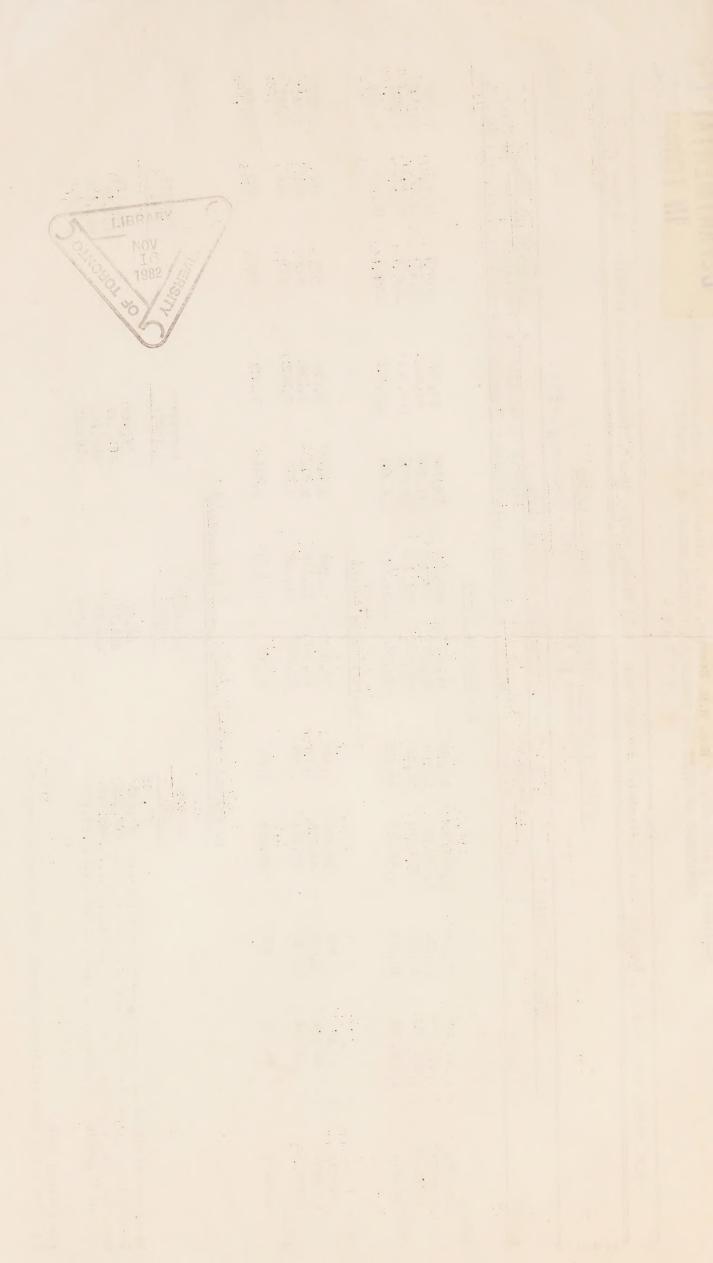
Published by Authority of Hon. H.H. Stevens, M.P., Minister of Trade and Commerce, DEPARTMENT OF TRADE AND COMMERCE. SIGMINION BUREAU OF STATISTICS OF T A W A

R.H. CCATS, B.A., F.S.S., (Hon.), F.R.S.C., Leminien Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Eranch

	1.1.			Total Exports		50,737 35,023 41,609	48,018		1,637	1,342	1,549			
And the second second second property and the second secon	lash.	3	BY FUEL	Other		11,462 12,760 12,719	12,073		368	420	389		January 1933	55,249 604,887 451,516 101,618
in spring spring company and company of company is many to a reserve families of the company of			GENERATET	Prairie :		16,072	18,849		518	635	589			
ann comign samme spanjer, kale or galacka, plate han sig or an armed or an experience coming and an analysis of		0 m		: British : Columbia		94,794 95,960 103,161	102,521		3,058	3,328	3,307		December 1932	63,889 631,999 455,791 102,128
		famound:	POWER	: Prairie : Provinces		104,780 111,404 116,933	116,099		3,380	3,772	3,745	oticn/	Dec	63 631 455 102
	CTRIC STATIONS IN	la man a ama	PED BY WATER	Ontario	Cutput	348,530 333,565 326,173	318,039	Daily Cutput	11,243	10,522	10,259	for Censumptient	November 1932	64,490 654,551 468,380 95,019
in de fare many specific error de cara	ELE	1	GENERATED	deno	- Monthly	763,577 823,035 801,939	785,142	Average Dail	24,632	25,868	25,327	Energy Available	CA	655 654 668 998
Administration of particular depths deman where the control according to the control according t	OUTPUT OF CENTRAL			Waritime : Provinces :	A	50,989 53,110 52,587	44,535	m m	1,642	1,696	1,437	Electric Ener	October 1932	61,015 600,232 462,496 93,910
	no	Administrative course of definition of the course of the c	DA	Total		1,390,144 1,448,227 1,433,191	1,39€,658		44,863	46,231	45,053		0ct	462
AND THE REAL PROPERTY AND THE PROPERTY OF THE		designed to controlled the second sec	ALS FOR CANADA	Fuel		27,474 31,153 32,398	30,322		886	1,045	978			
			TOTALS	. Water .		x 1,362,670 x 1,417,074 x 1,400,793	1,366,336		x 43,957		44,075			
	· 第四年211			Kenths		Fr Fr	1933-Jenuary	-022	October		1933- January			Maritime Provinces Quebec

x - Revised Data.

Production plus previncial imports less provincial exports.



Lacking Feb 1933



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DEPARTMENT OF TRADE AND COMMERCE: DOMINION BUREAU OF STATISTICS OTTAWA

ECONOMICS,

No

G.S. WRONG, B.Cc., Chief, Transportation & Public Utilities Branch R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Teminion Statistician.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

Exports 350,83 16,440 41,609 1,659 45,344 1,342 1,549 1,463 Total T Previrees: Provinces 12,073 8,810 12,719 410 GENERATED BY FUEL 389 366 284 Prairie 16,217 19,679 x18,230 635 589 579 496 Provinces : Columbia 3,307 103,161 102,521 93,542 3,328 3,341 99,533 3,211 ; British Prairie 104,085 3,717 116,933 3,772 3,745 116,099 GENERATED BY WATER POWER Ontario : 318,039 10,259 326,173 350,959 10,522 B - Average Daily Output A - Monthly Output MARCH, 1933 Quebec 25,327 801,939 718,527 747,878 785, 142 25,868 24,125 Provinces: Maritime 1,437 33,143 52,587 40,464 1,696 7,396,639 1,299,566 1,371,047 46,413 1,433,191 46,231 45,053 Total TOTALS FOR CANADA 32,398 978 945 780 30,303 26,453 24,198 1,045 Fuel 1,273,113 44,075 45,468 1,400,793 x 45,186 1,366,336 Water December December February February January Jaruary Larch Larch Months 1933

March 1933	48,072 575,308 479,322 98,482
February	42,418 549,388 447,386 92,575
January 1933	55,249 604,887 451,516 101,618
December 1932	63,889 631,999 455,791 102,128
	Waritime Provinces Quebec

Electric Energy Available for Consumption XX

5

/ No allowance is made for the effect of holidays, Sundays or Saturdays. xx - Production plus provincial imports less provincial exports. x - Revised data.

20/4/33/ 375



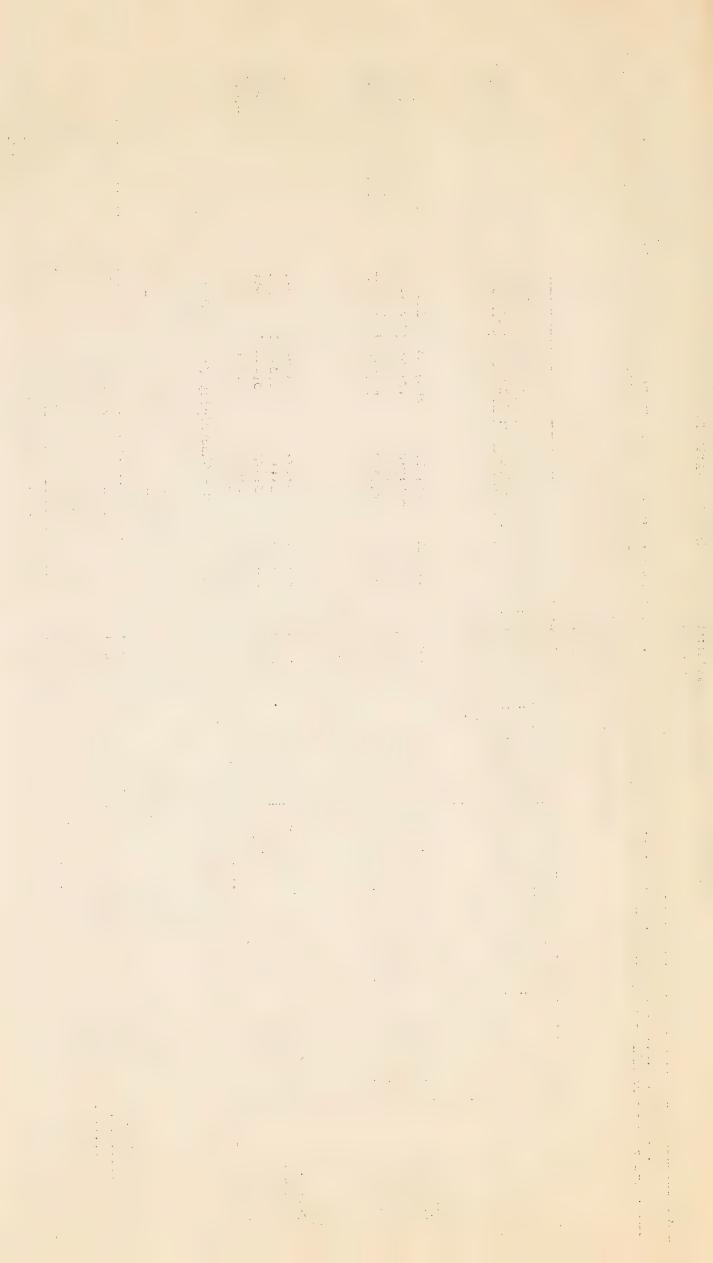
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OTTAWA

R.H. COATS, B.A., F.S.S., (Mon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

		Total		48,018 46,440 2,450 35,272		444 470,44 870,44		ril 33	138 ,013	provincial 7/33
	RY FILET.			12,073 10,236 8,810 7,646		389 366 255	Boilers	Apri.	203	imports less p
	GENERATED	Frairie Provinces:		18,230 16,217 15,388 12,122		589 5789 4990 400	in Electric E	March 1933	207,791 39,730 184	provincial is
		: British : Columbia		102,521 93,542 99,533 92,018		3,307	lectricity Usod	February 1923	201,916 36,607 157 21,147	Production plus
	POWER	Prairie Provinces	· magnings results	116,099 104,085 108,015 97,162		3,745	D - Elect	January 1933	6,332 7,525 167 3,494	XX
	D BY WATER	Onte		318,039 323,816 350,959 338,279	no	10,259	e many of distance of the control of	₽ ~	• [2]	r Saturdays
APRIL, 1933	GENFRATED	. Queboc	Monthly Output	785,142 718,521 747,878 703,886	age Daily Output	25,327 25,662 28,125 23,463	Control of the Contro	April 1933	50,495 557,815 750,184 91,035	ays, Sundays o
		Maritime Provinces	V	44,535 33,143 40,464 43,968	B - Average	1,437	X::	March 1933	48,072 575,308 479,322 98,482	ect of holiday
	NADA	Total		1,396,639 1,299,566 1,371,047 1,295,081		45,053 46,413 44,227 43:169	gy Conviced		•	in the cff
a disappe ay make v man baggada, ao	TOTALS FOR CANADA	Fuel		30,303 26,453 24,196 19,763		978 945 780 655	Electric Energy	February 1933	42,418 549,388 447,336 92,575	nnce it made
and the second s	)L	Water		1,366,336 1,273,113 1,346,849 1,275,313		44,075 45,468 43,447 42,510	D 	January 1933	55,249 604,887 451,516 101,618	/ No allowence
	1	Months		J933. January February March April		1933 January February March April			Wanitoha Provinces Quebec	x - Bevised data.

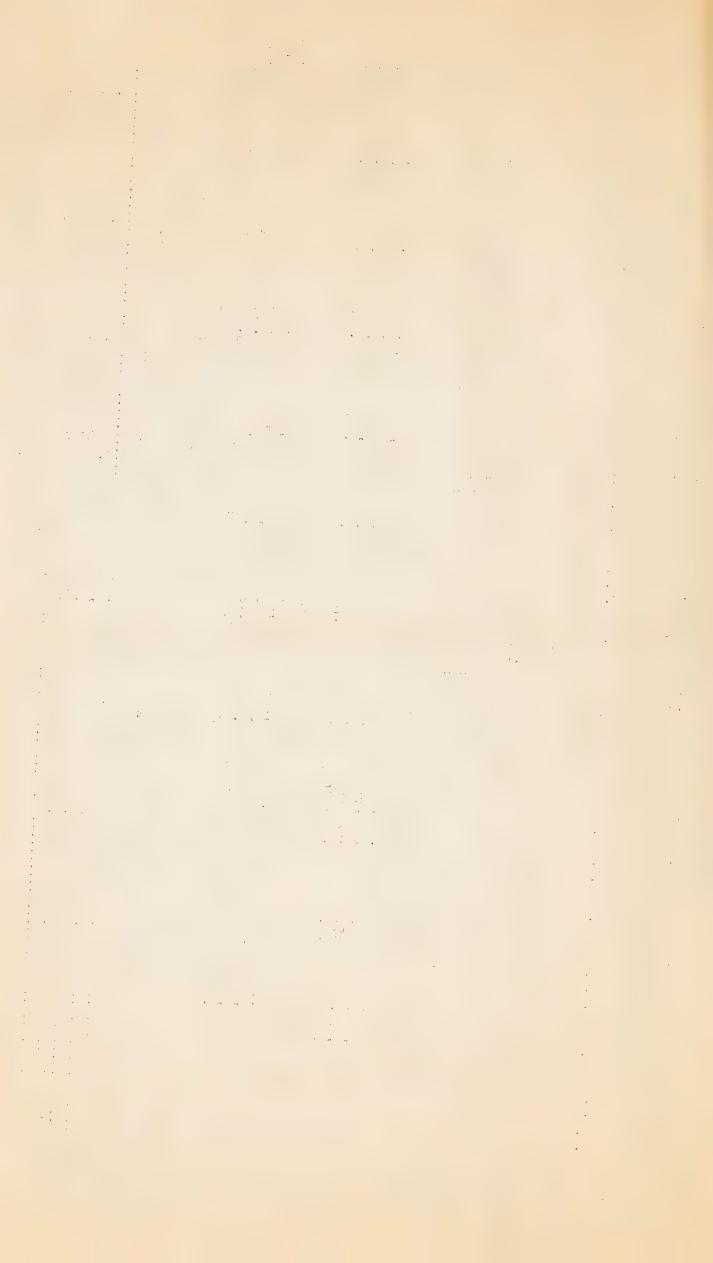


THE PROPERTY OF THE PROPERTY O R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

the description of the project of the control of th	A STATE OF THE PARTY OF THE PAR	A second design of the contract of the contrac	and the company of th								
	merium comprehe may ciru de e ve indes de la se	TOTALS FOR CANADA	NADA		GENERATED	TED BY WATER	POWER	Compare and appropriate and property above the same of the same and th	1		To the contract of the contrac
Months	Water	Fuel	Total	Maritime Provinces	oegen)	tar		: British : Columbia	Prairie Provinces:	ST FUEL  Other  Provinces	Total
1933				A - M	Monthly Output	أدد				to the company of the	
February March April May	1,273,113 1,346,849 x1,275,420 1,327,235	26,453 24,198 19,768 ,21,572	1,299,566 1,371,047 x1,295,188 .1,348,807	33,143 40,464 43,968 50,146	718,527 747,878 703,886 757,717	323,816 350,959 x338,386 334,654	104,085 108,015 97,162 90,707	93,542 99,533 92,018 94,011	16,217 15,388 12,122	10,236 8,810 7,646 9,061	46,440 45,343 35,272 42,875
1933				B - Average	age Daily Output /	put /					
February March April May	45,468 43,447 x42,514 42,814	945 180 659 696	46,413 44,227 x43,173 43,510	1,184	25,662 24,125 23,463 24,442	11,564 11,321 x11,280 10,795	3,717 3,485 3,239 2,926	3,341 3,211 3,067 3,033	579 496 404 404	366 284 255 292	1,659 1,463 1,176 1,333
	<b>田</b> 1	C - Electric Energy Consumed	gy Consumed #	Processing the state of the sta	Bellevier - Greek - Greek - Anderson - Greek -		D - Electri	Electricity Used in	Electric Boilers	lers	† †
		February	March	April	May	Feb	February			May	
Maritime Provinces. Quebec Ontario British Columbia		42,418 549,388 447,386 92,575	48,072 575,308 479,322 98,482	50,495 557,815 450,184 91,035	58,374 588,603 461,721 92,793	201	201,916 36,607	207,791	203,449	203,370	.0.70
W Bottiered date		•		•		21	21,147	19,752	13,013	5,232	δω
6	No Y	allowance is made	le for the effect	ct of holidays.	Sundays	or Saturdays	The Duck	The second secon	STREET, STREET, ST. VA Or - O'CLASSICAL STREET, ST. V.	The state of the s	an tall allow described

days, Sundays or Saturdays. # - Production plus provincial imports less provincial exports.



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OTTAWA

20. 6

R.H. 30ATS, B.A., F.S.S., (Hon.), F.R.S.C., Dardnion Statistician. G.S. WRONG, P.Sc., Chiof, Transportation & Public Utilities Branch 

CUIPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

जागास. 1933

and section in the section will be a section of the section of	est dans a para se se se sen apartaglement a militar per sen est a par			April Adjoint to the man and the property of Commission to the commission of the com	JUMPs 1.753	The second secon	entable to the enter aggregate to the state of the same of	and the second s			
		TOTALS FOR CANADA	A.DA.	The same of section (Stiff of Control of Stiff o	GENERATED	BY WATER	POWER		GENERATED BY	FUEL	the are is approximate that the approximate the same of the same o
Morths	Water	0	Capor.	Maritime	osqeno:	Ontario	Frairie	British . Columbia	( F()	1	Total. Exports
				4	Worthly Output	+21					
1933 March April May June	1,346,849 1,275,420 x 1,328,370	24,198	1,371,047 1,295,169 x1,349,942	40,464	767.683	350,959 328,336 8335,789	108,015	99,533 92,628. 94,011	15,388	8,810 7,646 9,051	45,343 55,272 42,875
	T3711,500	CC0577	17 ° 11 C °	24,456	774,035	349,160	80,471	97,438		9,423	86,673
1933				B - Average	Daily	Output 7					
March April May	43,477 42,514 x 42,851	0673	44,227 43,173 x. 43,547	1111	24, 125	11,321 11,280 x 10,832	3,485	3,211	496 404 404	284 255 292	11 11 14 65
DING	44,770	127	45,697	1,505	25,802	11,639	99	3,048	407	314	2,889
	C - El.ec-	Electric Energy	Energy Consumed #				D - Electric	Electricity Used in	1 Electric Boi	ilers	and the state of t
	March	April	1 May		June		March	April	May	to 1	ounf
Maritime Frovince Quebec	515,308	50,435 557,815 7,810,791	58,374 588,603 91		63,042 579,313	• 2	2012	6 6 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		0 0 0 0	• O r
British Columbia.					0,165		_ [-]	٠٠	37,452 x 167		555. 150
9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8 U U U 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 U U	•	19,752	13,013	5,232		623

# Production plus provincial inper's loss production A No allocance is made for the effect of heindays, Suclays or Esturdays. K - Resison Lata. exports



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OTTAWA

No. 7

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities B ranch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

TOTALS FOR CANADA  Water: Fuel: Total Prov  1,333,555 22,026 1,155,581 38  1,275,420 19,768 1,295,188 45  1,328,370 21,572 1,349,942 50  1,349,280 21,572 1,349,942 50  1,419,852 22,808 1,442,660 55  26,566 711 37,277 1  42,851 659 45,173 1  42,851 659 43,173 1  42,851 659 45,577 1  42,851 659 45,577 1  42,851 1932 1932 1933  50,495 58,574  1,47,478 50,495 588,603  1,467,750 557,815 588,603  1,467,750 557,815 588,603  1,467,750 557,815 588,603  1,5920 91,055 92,793	GENERATED BY WATER POWER GENERATED BY FUEL	: Quebec : Ontario : Provinces : Columbia Provinces :	Monthly Output		703,886 338,386 97,162 92,018 12,122 7.646	774,717	818,059 374,262 81,191 93,210 12,522 10,286	Daily Output /	19,577 10,252 2,630 2,863	23,463 11,280 3,239 3,067 4,04 255	24,442 10,832 2,926 3,033 4,04	26,389	D - Electricity Used in Electric Boilers	April May June 1933 1933	65,099	611, 348 462, 703 92, 100
## Total   Free   July, 1937   July   July	ER POWER	90 40									2,0	3,0	1			203,449 39,188 133
### Total   Forwing   June	BY		Output		33.8,	3353	374,	y Output /						July 1933	65,099	611,348 462,703 92,100
### FOR CANADA    Fuel   To    Puel   To    19,768   1,29    21,572   34    21,572   34    22,808   1,44    22,808   1,44    22,808   1,44    735   1935   4    750   1935   4    750   750,495   750    750   91,055   920		Maritime : Provinces :	1	38,583	43,968	54,152	53,130		1,244	1,465	90,7	1,714		June 1923		
TOTALS FOR CA.  TOTALS FOR CA.  Fuel  555 22,026  420 19,768  570 21,572  280 21,635  852 22,808  851 22,808  514 659  851 696  721  721  721  721  721  721  721  72	NADA	: Total		1,155,581	1,295,188	1,579,942	1,442,660	P	37,277	43,173	45,547	46,537		1		
	TOTALS FOR CA	••••			19,	21,	22,						- Electric Ene	ı		

f In allowance is made for the offect of holidays, Sundays. # Production plus provincial imports less provincial exports. In justs and exports for the Prairie Provinces are relatively small.

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OTTAWA

No. 8

G.S. WRONG, B.Sc., Chief, Transportation & Public Utilities Branch R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

					AUGUST, 1	1933				delle des melles es es es es mes messende de dell'especies des	
	TOT	TOTALS FOR CANADA	ADA		GENERATED	BY WATER	POWER		GENERATED	BY FUEL	
		••	• •	Maritime :	••		: Prairie	: British	Prairie	: Other	Total
Months	Water	: Fuel	: Total	Provinces:	@uebec	Ontario	: Provinces	: Columbia	Provinces	: Provinces	Exports
					A - Monthly 0	ly Output					
hugust, 1932	1,206,682	23,538	1,230,220	44,786	663,911	326,021	82,129	89,835	13,530	10,008	69,192
April, 1933	1,275,420	19,768	1,295,188	43,968	703,886	338,386	97,162	92,018	12,122	7,646	35,272
May,	1,328,370	21,572	1,349,942	50,146	757,717	335,789	707,06	94,011	12,511	190,6	42,875
June, "	1,349,280	21,633	1,370,913	54,152	774,039	349,180	80,471	91,438	12,210	9,423	86,673
July, "	x1,419,853	x22,804	x1,442,657	53,130	818,059	374,262	81,191	93,210	x12,518	10,286	x119,192
August, "	1,483,131	25,082	1,508,213	43,785	865,746	392,773	83,178	97,649	13,293	11,789	112,322
				m m	Average	Daily Output 1					
August, 1932	38,925	159	39,684	1,445	21,416	10,517	2,649	2,898	436	323	2,232
April, 1933	42,514	629	43,173	1,465	23,463	11,280	3,239	3,067	404	255	1,176
	42,851	969	43,547	1,618	24,442	10,832	2,926	3,033	404	292	1,383
	44,976	721	45,697	1,805	25,802	11,639	2,682	3,048	407	314	2,889
July, "	45,802	735	46,537	1,714	26,389	12,073	2,619	3,007	404	331	3,845
August, "	47,843	809	48,652	1,413	27,927	12,670	2,683	3,150	429	380	3,623
		C - 国	- Electric Energy	Consumed #				D - Elect	Electricity Used	in Electric	Boilers
	August 1932	ist.	May 1933	June 1933	July 1933	- m	August 1933	May 1933	June 1933	July 1933	August 1933
Maritime Provinces		8	58,374	63.042	65.03		54.241	0	•	•	
Quebec	509,524	24	588,603	579,313	611,348		653,515	203,370	190,270	x196,507	211,498
Ontario		CIO	462,856	457,765	462,7		€ 94,008	37,452	33,121	32,865	39,80%
British Columbia	:	. 282	92,793	90,165	65,100		96,429	167	153	140	1,242
Marie Cook	• •	•	•	•		0 3 0 0 0 0 0 0 0 0 0	• • • • • • • • • • • • • • • • • • • •	7,434	040	71067	

X No allowance is made for the effect of holidays, Sundays or Saturdays. # Production plus provincial imports less provincial exports. Exports and exports for the Prairie Provinces are relatively small. x Revised data.



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COATS,

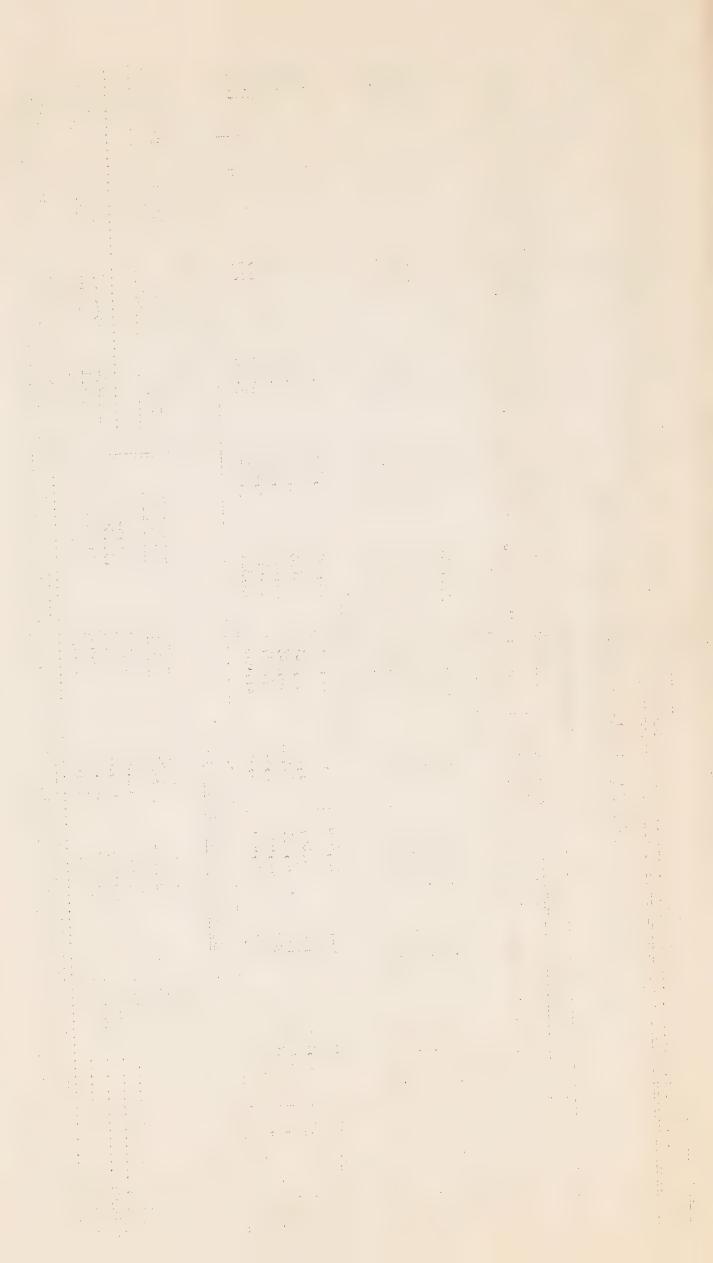
G.S. MRONG, B.S., Chief, Transportation & Public Utilities Branch B.A., F.3.S., (Hon.), F.R.S.C., Dominion Statistician. й. Н.

OUTPUT OF CENTRAL ALECTRIC STATIONS IN CANADA Thousands of Kilowatt Hours

Exports 86,673 119,192 x109,592 122,905 71,500 2,383 2,839 3,845 3,535 4,097 Total Provinces: Provinces 9,423 10,286 11,789 13,111 10,520 314 331 380 437 : Other 351 GENERATED BY FUEL Prairie 12,210 12,518 x13,296 13,719 13,976 466 407 404 429 457 : Columbia 91,485 91,438 93,210 97,649 98,617 : British 3,048
3,150
3,287 3,049 : Provinces : Prairie 90,085 81,191 83,178 90,253 2,682 2,619 80,471 3,003 2,683 GENERATED BY WATER POTER Ontario 349,180 374,262 392,773 400,106 12,073 337,472 11,249 11,639 8- Average Daily Output Quebec : SEPTEMBER, 1933 A - Monthly Output 774,039 818,059 865,746 687,536 25,802 26,389 27,927 27,635 329,045 22,918 Maritime : Provinces : 54,152 53,130 43,785 48,069 1,602 1,805 14,478 1,413 1,370,913 1,442,657 x1,508,216 1,489,329 42,638 45,697 46,537 48,652 49,644 1,279,140 Total TOTALS FOR CANADA 21,633 22,804 x25,085 26,830 817 721 735 809 894 24,496 Fuel 1,349,280 44,976 45,802 47,843 48,750 1,483,131 41,821 1,254,644 Water 1933 September, 1932 1933 September, 1932 September, September, august, hugust, Months June, July, July, June,

September 3,726 129 36,913 182,405 1933 D - Electricity Used in Electric Boilers 211,498 39,307 120 1.242 August 1933 196,507 2,049 140 July 1933 190,270 153 June 1933 September 610,490 496,918 97,661 56,414 1933 / No allowance is made for the effect of holidays, Sundays or Saturdays. If x 54,291 x655,786 x494,417 95,430 August 1933 62,099 611,348 462,703 92,100 Electric Energy Consumed # July 1933 63,042 579,313 457,765 90,165 June 1933 Manitoba ..... September 57,327 527,152 427,604 1932 5 British Columbia ..... Maritime Provinces .... .... pageno

Production plus provincial imports less provincial exports. Imports data. x - Bovieod data. and exports for the Prairie Provinces are relatively small.



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OTTAWA

No. 10

G.S. WRONG, B.Sc., Chief, Transportation and Public Utilities Branch. R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours

OCTOBER, 1933

					COLONER, -/JJ						
	6	TOTALS FOR	CANADA		GENERATED	BY WATER P	POWER		GENERATED	ED BY FUEL	
				Maritime :	••		: Prairie	: British	Prairie	: Other	Total
Months	Water	: Fuel	Total	Provinces:	Onepec:	Ontario	: Provinces	: Columbia	Province	s : Province	s Exports
				A	Monthly Output	.21					
October, 1932	1,362,670	27,474	1,390,144	50,989	763,577	348,530	104,780	94,794	16,072	11,402	50,737
Tulv. 1933	1.419.853			53,130	818,059	374,262	81,191	93,210	12,518		119,192
	1,483,131	25,085		43,785	865,746	392,773	83,178	97,649		11,789	109,592
September,"	x1,462,491			44,478	829,045	x400,098	90,253	98,617			x122,907
Cotober, "	1,589,214			55,778	878,097	434,036	111,937	109,366	15,390	13,182	127,242
				B- Average	age Daily Output(1	tput(1)					
October, 1932	43.957	886	44,843	1,642	24,632	11,243	3,380	3,058	518	368	1,637
	45 802	726		1.714	26.389	12.073	2,619	3,007	404	331	3,845
	47,843		48,652	1,413	27,927	12,670	2,683	3,150	-		3,535
September."	48,750			1,483	27,635	13,337	3,008	3,287		437	4,097
October, "	51,265			1,799	28,326	14,001	3,611	3,528		425	4,105
							=				:
		- Electric	C - Electric Energy Consumed(2)	d(2)				D - E160	Electricity Used	ed in Electric	Sollers
		October	July	August	September		October	July	August	September	October
		1932	1933	1933	1933	1	1933	1933	1933	1933	1933
Maritime Provinces	•	61,015	65,099	54,291	56,414		67,743				
Quebec		600,232	611,348	655,786	x610,489		8,017	196,507	x211,640	x178,415	159,700
Ontario	7	462,496	462,703	494,417	x496,911		8,037	32,865	39,807	36,913	9/6,94
Prairie Provinces	•	121,753	94,825	97,701	104,941		8,372	(3) 2,049	(3)1,242	(3) 3,746	(3)17,300
British Columbia	•	93,910	92,100	96,430	199,76		108,375	140	120	129	170
Total	Total1,339,406	339,406	1,323,075	1,398,625	1,366,416		1,490,544	231,561	252,809	219,203	226,250
										a strong	, t

(1) No allowance is made for the effect of holidays, Suntays or Saturdays. (2) Production plus provincial imports less provincial exports.

(3) Manitoba only. x - Revised data.

21/11/33



OTTAWA

MONG, B.Sc., Chief, Transportation and Public Utilities Branch. R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Dominion Statistician. G.S.

The second secon

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Thousands of Kilowatt Hours)

		Total Exports		35,023	109,592	700,000	127,242	106,457		7,167	2, 52, 53, 53, 53, 53, 53, 53, 53, 53, 53, 53	2,087	4,105	5,549
	V FITHT.	Other Provinces		12,760	11, 789	12. 21	x13,146	14,410		425	280	5 50	*454	480
۰	GENERATED BY PITET.	Prairie : Provinces :		18,393	15,296	18,720	15,590	18,004		613	429	4557	497	009
		: British : Columbia		95,960	97,643	98,617	109,366	112,356		5,199	3,150	5,527	3,526	3,745
	NVER	Prairie Provinces		111,404	88,178	90,253	111,957	117,639		3,713	2,683	5,003	3,611	5,921
	D BY WATER POWER	Ontario		333,565	392,773	400,098	x434,037	42%, 25%	1 (1)	11,119	12,670,	13,537	14,001	16,431
NOVEMBER, 1953	GENERATED	Cuebec	A - Monthly Output	823,035	865,746	820,045	878,087	000,160	B - Average Daily Output (1)	27,435	27,927	27,635	23,526	29,604
ACN		Maritime : Provinces: Quebec	A - Mon	52,110	45,785	44,478	55,778	100°00	B - Averag	1,770	1,413	1,433	1,739	1,970
	DA	Total		1,443,227	1,503,216	1,489,322	x1,617,751	L, 106,000		48,274	48,652	49,644	x52,186	56,751
	TOTALS FOR CANADA	Fuel		51,153	25,085	25,831	x28,536	1 T 1 6 W 0		1,038	808	894	X 921	L, 080
	TOT	Water		1,417,074	1,493,131	1,40%,49L	x1,589,215	11160061		47,236	47,845	48,750	CD7, T7	T/9'66
	1	shi no			August, 1933	۲ . و . ا	November, "			November, 1932	August, 1955	September, "	TO COUNTY OF THE PARTY OF THE P	overber,

	C - Electr	C - Electric Energy Consumed	ed (k)			D-Elec	D - Electricity Used in Electric Boilers	in Electric	Boilers
Auritime Provinces Guebec	1.932 64,490 654,551 763,880 130,764	August 1953 54,291 655,786 494,417 97,701	September 1933 56,414 610,489 496,911 104,941	0ctober 1983 67,743 648,017 558,037 128,572	Movember 1938 72,196 702,556 573,500 136,721	August 1955 1955 x255,408 59,807 (5)1,242	September: 1978 x201,745 56,915 (7) 7,46	0ctober 1953 x239,457 x 51,540 (8)17,360	307.0950 387.0010. 77,700.
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;			7006.0	10000	TTT 6 OKO	TKO	123		7.30
TODAL	1,598,625 1,566,416 1,49	1,398,625	1,366,416	1,490,544	1,596,101	279 577	92.9 588	978 193	375.59

the effect of holidays, Eundays of Saburdays. (2) Production plus provincial imports less provinced capacts. x - Revised data. (5) Manitoba only,

DEFI. OF FOLITICAL SCIENCE UNIVERSITY OF TORONTO

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OTTAWA

No. 12.

B.A., F.S.S., (Hon.). F.R.S.C., Dominion Statistician. G.S. WRONG, B.Sc., Chief, Transportation and Public Utilities Branch COATS. R.H.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN (Thousands of Kilowatt Hours)

57-00

122,907 127,242 106,457 99,347 41,609 Exports 1,342 4,097 Total Provinces: Provinces 12,719 13,111 13,146 14,410 Other 437 424 480 463 SENER, TED BY FUEL 13,720 15,390 x17,804 18,403 19,679 Prairie 635 457 497 x594 594 Columbia 98,617 109,366 112,356 120,838 British 3,2873,5283,745 3,328 103,161 : Provinces Prairie 90,253 111,937 1117,639 125,544 3,772 3,008 116,933 434,037 434,037 492,937 492,937 515,568 76 Daily Output(1) GENERATED BY WATER POVER Ontario 13,337 14,001 16,431 16,631 326,173 Quebec: DECEMBER, 1933 A - Monthly Output 801,939 829,045 878,097 888,123 862,635 27,635 28,326 29,604 27,827 Provinces: - Average Maritime 44,478 55,778 59,094 50,520 1,696 1,483 52,587 1,489,322 1,617,751 x1,702,363 1,707,885 49,644 52,186 x56,745 55,093 1,433,191 Total TOTALS FOR CANADA 26,831 28,536 x32,214 32,780 32,398 894 921 x1,074 1,057 1,045 Fuel 1,462,491 1,589,215 x1,670,149 1,675,105 48,750 51,265 55,671 54,036 45,186 Water December, 1932 September, 1933 December, 1932 September, 1933 November, November, December, October, December, October, Months

	C - Electr	C - Electric Energy Consumed	(2)			D - Electri	D - Electricity Used in Electric Boilers	Electric Boi	lers	
	December 1932	September 1933	October 1933	November 1933	December 1933	September 1933	October 1933	November 1933	December 1933	
Maritime Provinces	63,889	56,414	67,743	72,196	63,422		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Quebec	631,999	610,489	648,017	x704,340	694,332	201,745	209,437	x270.965	277,678	
Ontario	455,791	496,911	538,037	x571,521	585,874	36,913		77,389	81,844	
Prairie Provinces	137,776	104,941	128,372	x136,521	145,102	(3) 3,746	(3)	(3)25,883 (3) 30,224	(3) 30,224	
British Columbia	102,128	199,76	108,375	111,328	119,808	129	156	159	194	
Total 1,391,583	1,391,583	1,366,416	1,490,544	x1,595,906	1,608,538	2.42,533	273	x374.396	389,940	
(1) No allowance is made for the effect of holidays, Sundays or Saturdays.	e for the eff	fect of holidays,	Sundays or St	Į.	(2) Production plus provincial imports less provincial exports	ovincial impor	ts less provi	ncial ocport	in	

22,1/3+ x - Revised data, Manitoba only. (3)



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OTTAWA

No. 1

R.H. COATS, B.A., F.S.S., (Hon.), F.R.S.C., Fominion Statistician. G.S. "RONG, B.Sc., Chief, Transportation and Public Utilities Branch

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA (Theusands of Kilcwatt Hours)

ACOL VOATIANT

es provincia de la completa de represión de estada de es	and special specialists are demand as all special profit promptions and	And the second s		JANUARY,	ARY, 1934						
and transferred quality	TOL	TOTALS FOR CANADA	Napa		GENERATED BY	BY WATER POWER			CENERATED BY	TITITI /	
Months	Water :	Fuel	Total	Laritime : Provinces:	Quebe	رب ا	: Prairie : Frevinces	Fritish Cclumbia	1		Total
				h - Ment	Monthly Output		m private is amplicate delay from 8 to 8		1		
1933	1,366,358	30,303	1,396,661	44,557	785,142	318,039	116,099	102,521	18,230	12.073	48.018
	1,589,215	28,536	1,617,751				111,937	109,366	15,390	13,146	127.245
	,670,149	32,214	1,702,363					112,356	17,804	14.410	106,457
200	,675,105	32,780	1,707,885		862,635		125,544	120,838	18,403	14,377	x 99,353
January, 1934 1,	1,694,425	34,136	1,728,561	43,413	868,582		123,786	118,247	18,762	15,434	1 1
			Д	- Average	Daily Outpu	put (1)					
January, 1933	44,076	978	45,054	1,438	25,327	10,259	3,745	3,307	600	389	7,549
October, "	51,265	921	52,186	1,799	28,326	14	3,611	3 528	497	494	4 105
6	55,671	1,074	56,745	1,970		16,	3,921	3,742	594	± α 7	3 549
0	54,036	1,057	55,093	1,630		16.	4,050	3 % TOX	594	463	3 265
January, 1934	54,659	1,101	55,760	1,401	28,019	17,43	3,993	3,814	603	498	3,241
	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2)	(2)		de manifestante estado estado de constitue de constitue de constitue de constitue de constitue de constitue que de constitue de constit	- 1	4		- 1	
	1	TOTION					· · ·	Electricity (	Used in Blectric	ric Beilers	
	January 1933	_ ,	٦ <u>ا</u>	Ncvember 1933	December 1933	January 1934	October 1933	Nevember 1933	December 1933	January 1934	muary 1934
Laritime Provinces	176 27			2016		the desiration of providence of the contraction of					
	604,887		648,017 70	704,340	694,332	690 285	220,0			787 376	787
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	451,516			571,521	585,874	619,622	57.540	77 389	81 844	ν - α 	85,965
	135			136,521	145,102	143,849	(3) 17,360	(3) 25 883	(3) 30 224	(3) 36,754	754
British Cclumbia	101,618		375	1,328	119,808	116,936	_	53		_	187
ייייייייייייייייייייייייייייייייייייייי		1,490,544		1,595,906 ×	x1,608,532	1,628,075	x 291,645	x 391,598	x 401,752	393,	693
(1) No allogance is me (3) Manitoba only.	made for the effect x - Revised data.	effect of data.	for the effect of holidays, Sun-Revised data.	Sundays or Sat	Saturdays. (2)	Production plus	pr	orts	prcvinc	2/2/	34



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#### DEPARTMENT OF TRADE ALD COMMERCE DOMINTON BUREAU OF SHATESTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH ONTAWA

No. 2

Dominion Statistician, F.H. Coats, B.A., T.S.S., (Hon.). F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CLATEAL ELECTRIC STATIONS IN CANADA

### E-1771-10M

Central electric stations in Canada produced 1,612,680,000 kilowatt hours during February, as against 1,299,580,000 kilowatt hours in February last year. The daily average of 57,595,000 kilowatt hours was a new high record, exceeding the previous record made in January 1934 Ly 3.6 per cent. Exports to the United States, amounting to 102,150,000 kilowatt hours, were 120 and a set a lease than in 1933 and on a daily basis were 11.6 per cent greater than in January 1934. Deliveries to electric boilers amounted to 384,609,000 kilowatt hours, or 3.1 per cent ever February 1933 deliveries, and on a daily basis 6.6 per cent greater than in January this year.

Deducting the exports and boiler consumption leaves 1,125,920,000 kilowatt hours for lighting, power and line losses in Canada, as against 960,342,000 kilowatt hours in February 1933 and 1,122,301,000 kilowatt hours in February 1930 which was the next highest February. The adjusted index number for this figure, however, at 150.8, was below the peak of 155.8 reached in May 1930.

## Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

35---43-3 --- 1

A Transport of the state of the	
2 193 <sup>1</sup> 193 <sup>1</sup> 1937 1937	ry: January: February: February: 1934 : 1933
Generated by Water Power	
Maritime Provinces       43,413       38,147       33,1         Quebec       x868,589       805,145       718,5         Ontario       x535,426       525,784       323,8	527 28,019 28,755 25,662
Prairie Provinces	085 3,993 4,004 3,717
Total	1.27 x5 <sup>1</sup> 4,499 56,587 45,469
Generated by Fuel	
Prairie Provinces       18,702       16,149       16,2         Other Provinces       15,434       11,026       10,3	
Total 34,136 28,235 26.4	453 1,101 1,008 945
Grand Total x1.723,607 1,612,679 1,299,5	580 x55,600 57,595 46,414
Exports 100,485 102,150 46,4	140 3,241 3,648 1,659
Provincial Consumption 2/	/ Deliveries to Electric Boilers
Maritime Provinces       57,385       48,907       42,4         Quebec       x690,790       646,455       549,5         Ontario       x614,661       503,529       447,3         Prairie Provinces       143,849       127,32       121,3         British Columbia       116,936       102,128       92,5	558 276,787 266,777 230,192 386 291,088 87,979 36,607 358 / 30,754 / 29,699 /21,147
Total x1,623,122 1,508,251 1,253,1	159 x398,816 384,609 <b>2</b> 92,797

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>/</sup> Production plus provincial imports less provincial exports.

<sup>/</sup> Manitoba only.

Revised data.

<sup>20/3/34</sup> 



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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH

No. 3

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1934

Central electric stations in Canada created new high records in March in both monthly and daily outputs. Total production for the month was 1,795,616,000 kilowatt hours and the average daily output was 57,923,000 kilowatt hours which exceeded the previous daily record of 57,595,000 kilowatt hours made last February by .6 per cent. The index number, adjusted for seasonal variations, rose from 167.13 in February to 174.74 which was also a new high point. Exports to the United States, amounting to 112,114,000 kilowatt hours, averaged 3,617,000 as against 3,648,000 kilowatt hours per day in February. Deliveries to electric boilers at 432,393,000 kilowatt hours was also a new high record.

Total production less exports and deliveries to electric boilers amounted to 1,251,109,000 kilowatt hours and the index number rose to 156.45, exceeding the previous peak reached in May 1930 by .66 and the index number for February by 5.69 points.

# Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

(Thousands of Kilowatt Hours)							
	Monthly Data			: Daily Averages1/			
	: February : 1934	: March : 1934	: March : 1933	:February : 1934	: March :	March 1933	
Generated by Water Power Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	38,147 805,145 525,784 112,122 103,246	42,019 881,766 603,517 122,904 117,419	40,477 747,878 350,959 108,015 99,533	1,363 28,755 18,778 4,004 3,687	1,355 28,444 19,468 3,965 3,788	1,305 24,125 11,321 3,485 3,211	
Generated by Fuel Prairie Provinces Other Provinces	16,149 12,086	15,376 12,615	15,388 8,810	577 431	57,020 496 407	43,447 496 284	
Total	28,235	27,991	24,198	1,008	903	780	
Grand Total	1,612,679	1,795,616	1,371,060	57,595	57,923	44,227	
Exports	x 102,151	112,114	45,343	3,648	3,617	1,463	
	Provincial Consumption 2/ Deliveries to Electric Boilers						
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	48,907 x 646,249 x 583,835 127,132 102,128	53,045 712,029 662,576 136,924 116,217	48,085 575,308 479,322 124,519 98,483	266,777 87,979 /29,699 154	303,731 97,487 431,008 167	5,329 236,576 39,730 /19,752 184	
Total	1,508,251	1,680,791	1,325,717	384,609	432,393	301,571	

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>2/</sup> Production plus provincial imports less provincial exports.

# Manitoba only.

Revised data.

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

57-001

No. 4

Dominion Statistician, R.H. Coats, B.A., F.S.S., (Hon.), F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### APRIL, 1934

The output of central electric stations during April declined from the peak reached in March to 1,696,646,000 kilowatt hours, a decrease of 99,243,000 kilowatt hours or, on a daily basis, a decrease of 2.4 per cent. This was more than the usual seasonal decrease and the index number dropped from 174.76 to 172.66 which, however, was the second highest during the past eleven years. Exports to the United States decreased by 49,015,000 kilowatt hours, or from 112,114,000 kilowatt hours in March to 63,099,000 kilowatt hours. Deliveries to electric boilers reached a new high record at 474,738,000 kilowatt hours, exceeding the previous record made in March by 42,345,000 kilowatt hours, or 9.8 per cent.

Output less exports and deliveries to electric boilers amounted to 1,158,809,000 kilowatt hours and the index number dropped from 156.48 for March to 151.96.

#### Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

		Monthly Data	Dail	y Averages1/			
	March 1934	April 1934	April 1933	March 1934	April 1934	April 1933	
Generated By Water Power Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	42,019 881,766 x603,773 122,904 117,419	49,230 925,386 473,761 114,286 109,943	43,968 703,886 338,386 97,162 92,018	1,355 28,444 x19,476 3,965 3,788	1,641 30,846 15,792 3,810 3,665	1,465 23,463 11,280 3,239 3,067	
Total	x1,767,881	1,672,606	1,275,420	x57,028	55,754	42,514	
Generated by Fuel Prairie Provinces Other Provinces	x15,393 12,615 x28,008	12,152 11,888 24,040	12,122 9,263 21,385	496 407 903	405 396 801	404 309 713	
GRAND TOTAL	x1,795,889	1,696,646	1,296,805	x57,931	56,555	43,227	
Exports	112,114	63,099	35,272	3,617	2,103	1,176	
	Provi	ncial Consum	ption 2/		Deliveries to Electric Boilers		
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	53,045 712,029 x662,832 x139,652 116,217	59,956 741,218 595,936 127,928 108,508	52,112 557,815 450,291 110,280 91,035	303,731 97,487 4 31,008	4,013 367,805 78,383 /24,377 160	8,951 230,226 39,188 /13,013 138	
Total	x1,683,775	1,633,546	1,261,533	432,393	474,738	291,516	

No allowance is made for the effect of holidays, Sundays or Saturdays.

Production plus provincial imports less provincial exports.

Manitoba only. Revised data.

<sup>19/5/34</sup> 

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Minister of Trade and Commerce ECONOMICS.

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PURLIC UTILITIES BRANCH
OTHAWA

No. 5.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief. Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENERAL ELECTRIC STATIONS IN CANADA

#### MAY, 1974

Central electric stations in Canada produced 1.829.681,000 kilowatt hours during May which is the greatest output yet recorded for any month and the index number rose from 174.76 for March, the previous high, and 1.72.66 for April to 182.43. The exports to the United States amounted to 110,997,000 kilowatt hours and the deliveries to electric boilers to 458,642,000 kilowatt hours. The output less the exports and deliveries to electric boilers amounted to 1.260,042,000 kilowatt hours, which was exceeded only in October, November and December, 1923. After correction for seasonal variations, as experienced 1924-1933, the index number for this was 161.77, an increase of 5.29 points above the previous record made last March and 5.98 points above the next highest index number of May, 1930. From August, 1930, to April, 1933, each month recorded a decrease from the corresponding meath of the previous year in output less exports and boiler deliveries, but since May, 1933, each month has recorded an increase and the greatest increase was made last May with an improvement of 23 per cent over May, 1933.

### Output of Central Mectric Stations in Canada (Thousands of Killowatt Hours)

	The second secon	Monthly Dads	Dai	ily Averages 1/		
	April 1934	103)t	May 1933	April 1934	May 1934	May 1933
Generated by Water Power Maritime Provinces Quebec Ontario Prairie Provinces. British Columbia	925.386 473,761 114.286	55,819 1,036,240 488,845 106,836 115,425	50.146 757.717 335.789 90.707 94.011	1,641 30,846 15,792 3,810 3,665	1,833 33,427 15,769 3,446 3,724	1,618 24,442 10,832 2,926 3,033
Total	1,672,606	1,804,165	1,328,370	55,754	58,199	42,851
Generated by Fael Prairie Provinces Other Provinces	12,152 11,888	12,505	12,533 9,061	405 396	403	404
Total	24,040	25,516	81,513	801	823	696
GRAND TOTAL	1,696,646	1,829,681	1,749,942	56,555	59,022	43.547
Exports	<b>263,10</b> 5	110,997	463,24	2,103	3,581	1,383
	Frovinc	del Consumo		liveries t		
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	59,956 741,213 595,936 127,938 108,568	68,986 814,529 600,497 120,895 113,877	58,373 588,603 462,856 104,442 92,794	4,023 367,805 78,383 424,377 160	4,619 365,391 73,037 415,440 155	6,069 234,169 37,452 4 5,232 167
Total	1,633,541	1,718,684	1,307,068	4,74,738	458,642	283,089

No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>2/</sup> Production plus provincial imports less provincial emperts.

Manitoba only.

Revised data.

<sup>20/6/34</sup> 



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Minister of Trade and Commerce
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 6

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S.Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### JUNE, 1934

Central electric stations failed to maintain their rate of output during May, the total for June declining to 1,708,291,000 kilowatt hours. The index number, however, adjusted for the number of days in each month and other seasonal factors, was 179.43 and was exceeded only by 182.43 for May. Exports to the United States increased from a daily average of 3,581,000 kilowatt hours in May to 3,788,000 kilowatt hours and deliveries to electric boilers declined from a daily average of 1,479,000 kilowatt hours to 1,396,000 kilowatt hours. Total production less exports and deliveries to electric boilers amounted to 1,175,802,000 kilowatt hours and the index number at 157.54 was also second only to that of May and was 21 points or 15 per cent above the June 1933 index number.

### Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

		Monthly Data	Dail	Averages 1/		
	May 1934	June 1934	June 1933	May 1934	June 1934	June 1933
Generated by Water Power Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	56,819 1,036,240 488,845 106,836 115,425	56,933 963,547 468,008 78,133 114,975	5 <sup>1</sup> 4,152 77 <sup>1</sup> 4,039 3 <sup>1</sup> 49,167 80,171 91,438	1,833 33,427 15,769 3,446 3,724	1,898 32,118 15,600 2,605 3,832	1,805 25,802 11,639 2,682 3,048
Total	1,804,615	1,631,596	1,349,267	58,199	56,053	44,976
Generated by Fuel Prairie Provinces Other Provinces	12,503 13,013	12,221	12,210 9,423	403 420	407 483	407 314
Total	25,516	26,695	21,633	823	890	721
GRAND TOTAL	1,829,681	1,708,291	1,370,900	59,022	56,943	45,697
Exports	111,000	113,638	g6,673	3,581	3,788	2,889
	Provinc	ial Consumpt	tion 2/		veries to ic Boilers	
Maritime Provinces  Quebec Ontario Prairie Provinces British Columbia	x806,947 x603,076 120,895	70,509 745,832 572,949 91,654 113,709	63,042 579,31 <b>3</b> 457,752 93,956 90,154	4,619 365.391 73,037 /15,440 155	7,030 347,731 60,697 / 3,259 133	9,507 221,741 33,121 4 623 153
Total		1,594,653	1,284,227	458,642	418,850	265,145

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

Production plus provincial imports less provincial exports.

<sup>/</sup> Manitoba only.
x Revised data.



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### DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CAMADA

### JULY, 1934

The output of Canadian central electric stations during July amounted to 1,621,314,000 kilowatt hours, or a daily average of 52,300,000 kilowatt hours. This was a decrease from the June daily output of 4,654,000 kilowatt hours, or 8.2 per cent, and the index number dropped from 179.47 to 164.76, the lowest since January. This decrease was largely in exports, which decreased from 113,640,000 kilowatt hours in June to 105,848,000 kilowatt hours, and in deliveries to electric boilers which decreased from 418,850,000 kilowatt hours in June to 342,658,000 kilowatt hours. Deducting these two items from the total output leaves 1,172,807,000 kilowatt hours for July, or a daily average of 37,832,000 kilowatt hours as against 39,205,000 kilowatt hours in June, (July has been the lowest month of the year during 1924-34.) and the index number declined from 157.59 to 157.32. This, however, has been exceeded only by the May and June 1934 index numbers.

#### Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

		1001	TA WACTUE	y Averages 1/ July July 1934 1933				
	June 1934	July 1934	July 1933	June 1934		*		
Generated by Water Power								
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	56,933 963,547 * 468,349 78,133 114,975	56,226 904,257 434,224 81,788 118,233	53,130 818,059 374,262 81,191 93,210	1,898 32,118 x15,611 2,605 3.832	1,814 29,170 14,007 2,638 3,814	1,714 26,389 12,073 2,619 3,007		
Total	x1,681,937	1,594,728	1,419,853	x56,064	51,443	45,802		
Generated by Fuel Prairie Provinces Other Provinces	12,221 14,474	12,474 14,112	12,518 10,286	407 483	402 455	404 331		
Total	26,695	<b>2</b> 6,586	22,804	890	857	735		
GRAND TOTAL	x1,708,632	1,621,314	1,442,657	x56,954	52,300	46,537		
Exports	x 113,640	105,848	119,192	3,788	3,414	3,854		
	Provin	cial Consum	otion 2/			iveries to ric Boilers		
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	70,509 745,830 x 573,290 91,654 113,708	69,126 694,29 <b>3</b> 539,509 95,547 116,990	62,497 604,186 469,858 94,825 92,098	7,030 347,731 60,697 \$\dagger 3,259	7,152 280,670 51,581 + 3,114 141	8,519 223,257 32,865 \$\neq 2,049 140		
Total	x1,594,991	1,515,465	1,323,464	418,850	342,658	266,830		

No allowance is made for the effect of holidays, Sundays or Saturdays.

Production plus provincial imports less provincial exports.

Manitoba only.

Revised data.

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DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH CTTAWA

No. 8.

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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### AUGUST, 1934

The output of central electric stations in Canada during August amounted to 1,658,742,000 kilowatt hours, or a daily average of 53,508,000 kilowatt hours. This was 2.3 per cent above the July daily output but below the averages of the previous six months. The index number, adjusted for seasonal variations, was 172.30 as against 171.02 for July and 182.54 for May, the highest yet reached. Exports increased from 105,866,000 kilowatt hours in July to 115,988,000 and deliveries to electric boilers from 342,658,000 kilowatt hours to 351,103,000 kilowatt hours. The index number for the output less these two items was 157.00, as against 157.32 for July, 157.59 for June and 161.92 for May, the only months having higher index numbers. This index number for August last year was 147.22 and for August 1979, which was the previous high August, it was 151.42.

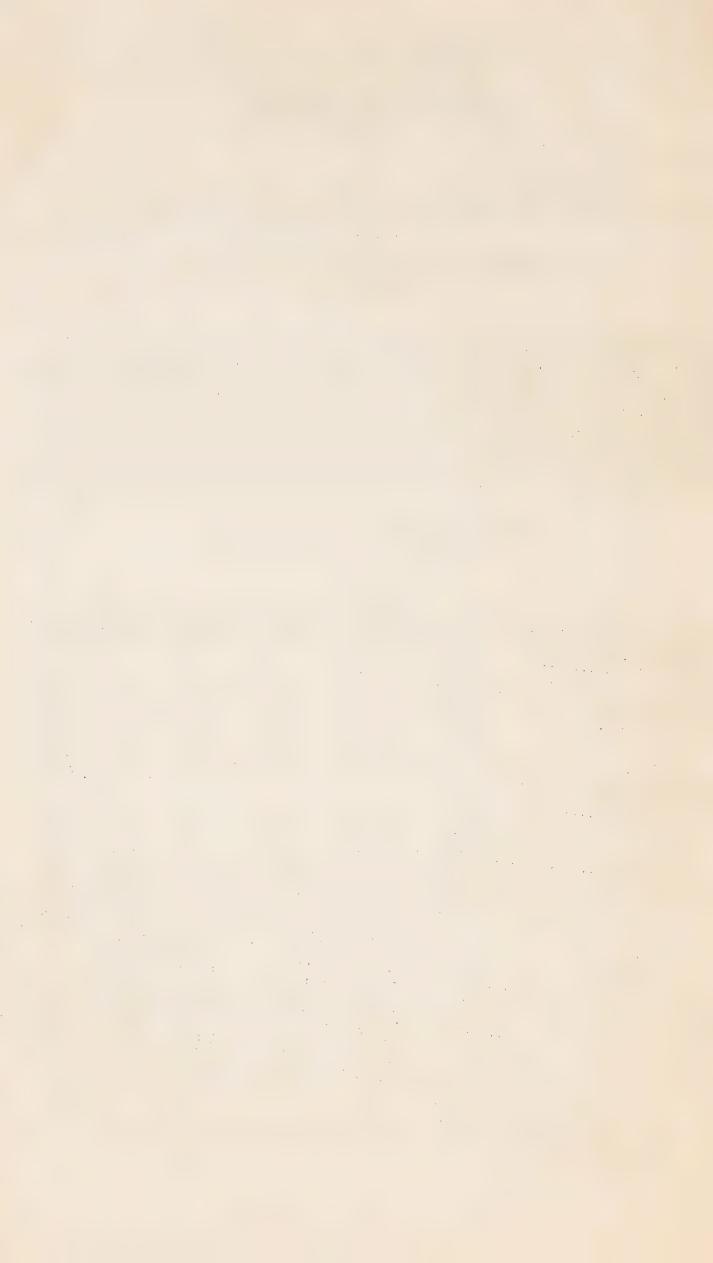
# Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

	Monthly Data			Dai	Daily Averages 1/		
	July 1934	August 1934	August	July 1934	August 1934	August 1933	
Generated by Water Power				:			
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	904,257 434,224 81,788	50,168 893,365 472,388 92,724 121,985	43,785 865,746 392,773 83,178 97,649	1,814 29,170 14,007 2,638 3,814	1,619 28,818 15,238 2,991 3,935	1,413 27,927 12,670 2,683 3,150	
Total	1,594,728	1,630,630	1,483,131	51,443	52,601	47,843	
Generated by Fuel Prairie Provinces Other Provinces Total	12,474 14,112 26,586	14,176 13,936 28,112	13,296 11,789 25,085	402 455 857	457 450 907	429 380 809	
GRAND TOTAL	1,621,314	1,658,742	1,508,216	52,300	53,508	48,652	
Exports	x 105,866	115,983	109,592	x3,415	3,742	3,535	
	Provi	incial Consum	motion 2/		veries to		
Maritime Provinces  Quebec Ontario  Prairie Provinces  British Columbia	69,126 x 694,288 539,509 95,547 x 116,978	62,864 691,320 559,645 108,220 120,705	54,291 649,229 500,973 97,701 96,430	7,152 280,670 51,581 # 3,114 141	3,267 279,653 64,622 + 3,423 138	1,271 244,788 39,807 + 1,241 120	
Total	x1,515,448	1,542,754	1,398,624	342.658	351,103	287,227	

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>2/</sup> Production plus provincial imports less provincial exports.

<sup>/</sup> Manitoba only.
x Revised data.



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# DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 9

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### SEPTEMBER, 1934

Central electric stations in Canada failed to maintain the rate of production of the preceding seven months and the output dropped from 1,630,784,000 kilowatt hours for August to 1,597,283,000 kilowatt hours. The average daily output also was less and the index number adjusted for seasonal variations declined from 172.31 to 166.11. This index number has not been exceeded by any month of preceding years and the output was 9 per cent over that of September, 1933. Exports to the United States amounted to 107,116,000 kilowatt hours, as against 115,988,000 kilowatt hours in August and 122,907,000 kilowatt hours in September last year. Electric boilers took 327,480,000 kilowatt hours, as against 351,103,000 kilowatt hours in August and 249,033,000 in September, 1933. The index number of firm power consumption dropped from 157.02 in August to 155,03, which was exceeded only twice in 1930 and in March and May to

# Output of Central Electric Stations in Canada (Thousands of Kilowatt Hours)

		Monthly Dat	a	Dail	y Averages	3 1/
	August 1934	September 1934	September 1933	August	Sept. 1934	Sept. 1933
Generated by Water Power Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	50,168 893,365 472,388 * 92,878 121,985	40,557 852,236 472,978 109,400 122,112	44,478 829,045 400,098 90,253 98,617	1,619 28,818 15,238 x 2,996 3,935	1,352 28,408 15,766 3,647 4,070	1,483 27,635 13,337 3,008 3,287
Total	x1,630,784	1,597,283	1,462,491	x52,606	53,243	48,750
Prairie Provinces Other Provinces	14,176 13,936	14,480 15,526	13,720 13,111	457 450	483 517	457 437
Total	28,112	30,006	26,831	907	1,000	894
GRAND TOTAL	x1,658,896	1,627,289	1,489,322	x53,513	54,243	49,644
Exports	115,988	107,116	122,907	3,742	3,571	4,097
	mption 2/		Deliveries .ectric Boi			
Maritime Provinces Quebec Ontario Prairie Provinces British Columbia	62,864 691,320 559,645 108,220 120,705	54,865 646,467 572,792 124,918 121,131	56,414 610,489 496,911 104,941 97,661	3,267 279,653 64,622 73,423	1,317 243,449 68,574 /14,008	1,160 207,085 36,913 43,746 129
	:					

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

1,366,416

351,103

327,480 249,033

Total ...... 1,542,754 1,520,173

<sup>2/</sup> Production plus provincial imports less provincial exports.

<sup>/</sup> Manitoba only.
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Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1934

The output of central electric stations in Canada during October amounted to 1,853,388,000 kilowatt hours, or a daily average of 59,787,000 kilowatt hours. This was in increase over the September average of 10.2 per cent and over the October, 1933, average of 14.6 per cent. The index number, after adjustment for seasonal variations as experienced in 1924-1933, rose from 166.11 for September to 173.59, which was exceeded only in March, May and June of this year.

Output less exports to the United States and deliveries to electric boilers also showed an increase from 1,192,695,000 kilowatt hours in September to 1,312,982,000 kilowatt hours and established a new high record, the previous high being for January, 1930. Its undex number after adjustment, 156.84, was higher than for any previous October, but was lower than for May, June, July and August, 1934.

Consumption in Quebec jumped from 646,469,000 kilowatt hours in September to '77,796,000 kilowatt hours, or by 20.3 per cent. Over 42 per cent of this power was lelivered to electric boilers in the province. The Maritime Provinces' consumption ncreased 15.2 per cent, Ontario's by 12.2 per cent, the Prairie Provinces' by 11.7 per cent and British Columbia's by 1.8 per cent; the extra day would mean an increase of about 3.3 per cent.

Deliveries to electric boilers amounted to 433,285,000 kilowatt hours. This total has been exceeded only twice, in April and May of this year, and was 49 per cent greater than the October, 1933, total.

Exports to the United States increased from 107,114,000 kilowatt hours in September to 107,122,000 kilowatt hours, but the daily average declined 3.2 per cent and was 15.8 per cent below the October, 1933, average.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
Generated by	y Water Power	M	ONTHLY OUTPUTS			
Oct. 1934 Sept. 1934 Oct. 1933	1,821,707 1,597,283 1,589,072	48,823 40,557 55,778	1,009,596 852,236 878,097	516,425 472,978 434,037	122,455 109,400 111,937	124,408 122,112 109,223
Generated by	y Fuel					
Oct. 1934 Sept. 1934 Oct. 1933	31,681 30,006 28,536	15,649 15,403 13,081	• • · ·	50 30 12	15,870 14,480 15,389	112 93 54
Total Output	t					
Oct. 1934 Sept. 1934 Oct. 1933	1,853,388 1,627,289 1,617,608	64,472 55,960 68,859	1,009,596 852,236 878,097	516,475 473,008 434,049	138,325 123,880 127,326	124,520 122,205 109,277
		PROVI	INCIAL CONSUMPT	CIONS 1/		
Oct. 1934 Sept. 1934 Oct. 1933	1,746,267 1,520,175 1,490,365	63,231 54,865 67,743	777,796 646,469 638,749	642,430 572,792 547,305	139,491 124,918 128,372	123,319 121,131 108,196

#### INDEX NUMBE

	January	February	March	April	May	June
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1930 1931 1932 1933 1934	147.98 141.69 134.57 132.93 164.21	144.89 138.76 137.33 134.68 167.31	147.47 137.95 135.14 133,42 174.90	152.89 143.60 135.30 131.97 172.79	154.01 136.17 126.73 134.59 182.54	150.69 135.48 125.86 143.99 179.47
					OUTPUT LESS	EXPORTS A
1930 1931 1932 1933 1934	155.62 144.18 138.14 129.83 149.81	150,28 140,98 141,48 128,59 151,00	151.67 143.01 136.90 128.07 156.66	154.97 147.18 133.28 1.27.21 152.13	155.79 144.44 128.35 131.46 161.92	150.93 143.78 124.96 136.54

<sup>1/</sup> Production plus provincial imports less provincial exports.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	DA	AILY AVERAGE OU			
58,765 53,243 51,260	1,575 1,352 1,799	32,568 28,408 28,326	16,659 15,766 14,001	3,950 3,647 3,611	4,013 4,070 3,523
1,022 1,000 921	505 513 422	• o o	1	512 483 497	4 3 2
59,787 54,243 52,181	2,080 1,865 2,221	32,568 28,408 28,326	16,660 15,767 14,001	4,462 4,130 4,108	4,017 4,073 3,525
	DELIVER				
433,285 327,480 291,645	3/ 3,159 3/ 1,317 3/ 6,022	326,539 243,449 216,567	83,284 68,574 51,540	4/ 20,151 4/ 14,008 4/ 17,360	152 132 156

erage, 1926 = 100)

Jul.y	August	September	October	November	December
PUT			Public Province and Land State States of the Control of the Contro		
150.38 131.99 121.89 152.17 171.02	146.65 130.48 127.79 156.66 172.31	147.30 131.52 130.57 152.03 166.11	147.48 133.78 130.20 151.51 173.59	142.70 133.25 136.38 160.31	143.68 133.42 133.52 159.11
IVERIES TO ELEC	CTRIC BOILERS				
151.46 139.38 121.09 141.74 157.32	146.18 136.59 125.29 146.43 157.02	147.43 138.86 128.80 145.24 155.03	146.75 137.18 126.69 143.19 156.84	143.20 136.18 135.18 144.84	143 80 136,58 129,99 142,73

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.
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Month	1930	1931	1932	1933	1934
January	1,554,812	1,488,721	1,413,918	1,396,661	1,725,264
February	1,398,096	1,338,988	1,325,133	1,299,580	1,614,425
March	1,515,465	1,417,558	1,388,697	1,371,060	1,797,334
April	1,502,338	1,411,090	1,329,489	1,296,805	1,697,909
May	1,544,627	1,365,786	1,271,015	1,349,942	1,830,861
June	1,434,611	1,289,828	1,198,232	1,370,901	1,708,632
July	1,425,690	1,251,323	1,155,581	1,442,657	1,621,314
August	1,411,861	1,256,149	1,230,220	1,508,216	1,658,896
September	1,442,962	1,288,413	1,279,140	1,489,322	1,627,289
October	1,574,560	1,428,342	1,390,144	1,617,608	1,853,388
Sub Total	14,795,022	13,536,198	12,981,569	14,142,752	17,135,312
November	1,515,403	1,415,020	1,448,227	1,702,363	
December	1,542,308	1,432,182	1,433,191	1,707,886	
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	
	2	EXPORTS TO THE	UNITED STATES		
January	112,625	162,443	61,767	48,018	100,485
February	117,176	1.45,498	52,422	46,440	102,151
March	126,894	127,985	55,414	45,343	112,115
April	117,504	97,677	54,982	35,272	63,105
May	129,138	86,824	51,354	42,874	111,000
June	136,016	88,602	64,864	86,673	113,640
July	131,817	95,085	59,015	119,192	105,866
August	142,571	99,781	69,192	109,592	115,988
September	153,657	93,288	71,500	122,907	107,114
October	161,323	95,423	50,737	127,243	107,122
Sub Total	1,328,721	1,092,606	591,247	783,554	1,038,586
November	141,587	73,357	35,023	106,457	
December	149,295	69,362	41,61.0	99,353	
TOTAL	1,619,603	1,235,325	657,880	989,364	and filled the transmission of the contract of
	OUTPUT LESS	EXPORTS AND DEL	IVERIES TO ELEC	TRIC BOILERS	
January	1,273,491	1,179,856	1,130,430	1,062,447	1,225,962
February	1,122,302	1,052,887	1,056,607	960,342	1,127,664
March	1,212,901	1,143,625	1,094,779	1,024,147	1,252,827
April	1,181,750	1,122,294	1,016,348	970,017	1,160,066
May	1,213,472	1,125,041	999,749	1,023,979	1,261,219
June	1,126,485	1,072,893	932,648	1,019,082	1,176,141
July	1,129,110	1,039,037	902,740	1,056,634	1,172,789
August	1,109,551	1,036,736	950,994	1,111,397	1,191,805
September	1,134,245	1,068,277	990,920	1,117,383	1,192,695
October	1,228,479	1,148,387	1,060,554	1,198,720	1,312,982
Sub Total	11,731,786	10,989,033	10,135,769	10,544,748	12,074,150
November	1,190,704	1,132,312	1,123,982	1,204,309	
December	1,215,794	1,154,705	1,099,017	1,206,780	
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	
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#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### NOVEMBER, 1934

The output of central electric stations in Canada reached a new high record in November at 1,953,464,000 kilowatt hours and the index number of 183.95 was also a new record, exceeding the previous peak attained in May 1934 by 1.41 points. The cumulative total output for the eleven months, January-November, was 19,088,780,000 kilowatt hours and was 2,768,355,000 kilowatt hours, or 17 per cent, above the 1930 output which was the previous peak year. The increase over 1933 output was 3,243,665 kilowatt hours, or 20 per cent.

Exports to the United States dropped from 107,122,000 kilowatt hours in October to 99,711,000, or a decrease on a daily losis of one per cent. Exports to the end of November amounted to 1,138,297,000 kilowatt hours, as against 890,011,000 kilowatt hours for the first eleven months in 1933 and 626,270,000 kilowatt hours in 1932.

Deliveries to electric boilers increased to 537,961,000 kilowatt hours. This also was a new high record, being 24 per cent above the October deliveries, 37 per cent over the November 1933 figure, and 13 per cent over the previous high record made in April, 1934.

Total output less exports and deliveries to electric boilers amounted to 1,315,782,000 kilowatt hours, as against 1,313,199,000 kilowatt hours for October and 1,204,309,000 kilowatt hours for November 1933. This was higher than for any previous month but, after adjusting for seasonal variations, the index number of 158.25 was second highest, the index number of 161.92 for May 1934 being first.

21/12/34/400

		Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
				MONTHLY OU	TPUTS		
Genera	ated by	Water Power					
Nov. Oct. Nov.	1934 1934 1933	1,918,168 1,821,707 1,670,149	60,097 48,823 59,094	1,084,381 1,009,596 888,123	524,313 516,425 492,937	122,755 122,455 117,639	126,622 124,408 112,356
Genera	ated by	Fuel					
Nov. Oct. Nov.	1934 1934 1933	35,296 x 31,685 32,214	16,236 15,649 14,280	000	49 50 40	18,880 x15,874 17,803	131 112 91
Total	Output						
Nov. Oct. Nov.	1934 1934 1933	1,953,464 x1,853,392 1,702,363	76,333 64,472 73,374	1,084,381 1,009,596 888,123	524,362 516,475 492,977	141,635 x138,329 135,442	126,753 124,520 112,447
				PROVINCIAL CON	NSUMPTIONS 1/		
Nov.	1934 1934 1933	1,853,753 x1,746,271 1,595,906	75,244 63,231 72,196	846,008 777,796 697,016	664,151 642,430 578,8 <b>4</b> 5	142,831 x139,495 136,521	125,519 123,319 111,328

### INDEX NUMBER

	January	February	March	April	May	June
						TOT
1930 1931 1932 1933 1934	147.98 141.69 134.57 132.93 164.21	144.89 138.76 137.33 134.68 167.31	147.47 137.95 135.14 133.42 174.90	152.89 143.60 135.30 131.97 172.79	154.01 136.17 126.73 134.59 182.54	150.69 135.48 125.86 143.99 179.47
2002					OUTPUT LESS	
1930 1931 1932 1933 1934	155.62 144.18 138.14 129.83 149.81	150.28 140.98 141.48 128.59 151.00	151.67 143.01 136.90 128.07 156.66	154.97 147.18 133.28 127.21 152.13	155.79 144.44 128.35 131.46 161.92	150.93 143.75 124.96 136.54 157.59

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

Total.	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE			
63,939 58,765 55,672	2,003 1,575 1,970	36,146 32,568 29,604	17,477 16,659 16,431	4,092 3,950 3,922	4,221 4,013 3,745
1,176 1,022 1,073	541 505 <b>4</b> 76	• • • • • • • • •	2 1 1	629 512 593	4 4 3
65,115 59,787 56,745	2,544 2,080 2,446	36,146 32,568 29,604	17,479 16,660 16,432	4,721 4,462 4,515	4,225 4,017 3,748
	DELIV	VERIES TO ELECT	RIC BOILERS		
537,961 x433,072 391,597	3/ 7,055 3/ 3,159 3/ 9,052	412,697 x326,326 279,115	92,229 83,284 77,389	4/ 25,808 4/ 20,151 4/ 25,882	172 152 159

erage, 1926 = 100)

July	August	September	October	November	December
PUT					
150.38 131.99 121.89 152.17 171.02	146.65 130.48 127.79 156.66 172.31 ECTRIC BOILERS	147.30 131.52 130.57 152.03 166.11	147.48 133.78 130.20 151.51 173.59	142.70 133.25 136.38 160.31 183.95	143.68 133.42 '133.52 159.11
151.46 139.38 121.09 141.74 157.32	146.18 136.59 125.29 146.43 157.02	147.43 138.86 128.80 145.24 155.03	146.75 137.18 126.69 143.19 x156.87	143.20 136.18 135.18 144.84 158.25	143.80 136.58 129.99 142.73

No allowance is made for the effect of holidays, Sundays or Saturdays. New Brunswick only. Manitoba only.

Month '	1930	1931	1932	1933	1934
January February March April May June July August September October	1,554,812 1,398,096 1,515,465 1,502,338 1,544,627 1,434,611 1,425,690 1,411,861 1,442,962 1,574,560	1,488,721 1,338,988 1,417,558 1,411,090 1,365,786 1,289,828 1,251,323 1,256,149 1,288,413 1,428,342	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608	1,725,264 1,614,425 1,797,334 1,697,909 1,830,861 1,708,632 1,621,314 1,658,896 1,627,289 1,853,392
November	1,515,403	1,415,020	1,448,227	1,702,363	1,953,464
Sub Total	16,320,425	14,951,218	14,429,796	15,845,115	19,088,780
December	1,542,308	1,432,182	1,433,191	1,707,886	
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	
		EXPORTS TO TH	HE UNITED STATE	S	
January February March April May June July August September	112,625 117,176 126,894 117,504 129,138 136,016 131,817 142,571 153,657	162,443 145,498 127,985 97,677 86,824 88,602 95,085 99,781 93,288	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500	48,018 46,440 45,343 35,272 42,874 66,673 119,192 109,592 122,907	100,485 102,151 112,115 63,105 111,000 113,640 105,866 115,988 107,114
October	161,323	95,423	50,737	127,243	107,122
November	141,587	73,357	35,023 626,270	106,457	1,138,297
Sub Total December	1,470,308	69,362	41,610	99,353	2,200,000
TOTAL	1,619,603	1,235,325	667,880	989,364	
101111	1		The Control of Control	LECTRIC BOILERS	
January February March April May June July August September October November Sub Total	1,273,491 1,122,302 1,212,901 1,181,750 1,213,472 1,126,485 1,129,110 1,109,551 1,134,245 1,228,479 1,190,704 12,922,490	1,179,856 1,052,887 1,143,625 1,122,294 1,125,041 1,072,893 1,039,037 1,036,736 1,068,277 1,148,387 1,132,312 12,121,345	1,130,430 1,056,607 1,094,779 1,016,348 999,749 932,648 902,740 950,994 990,920 1,060,554 1,123,982 11,259,751	1,062,447 960,342 1,024,147 970,017 1,023,979 1,019,082 1,056,634 1,111,397 1,117,383 ,1,198,720 1,204,309 11,748,457	1,225,962 1,127,664 1,252,827 1,160,066 1,261,219 1,176,141 1,172,789 1,191,805 1,192,695 ×1,313,199 1,315,782
December	1,215,794	1,154,705	1,099,017	1,206,780	
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	
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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

10. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### DECEMBER, 1934

Central electric stations again broke all previous records by producing ,061,092,000 kilowatt hours in December. The index number, adjusted for seasonal ariations, rose to 192.02, or 8.06 points above the previous record made in November 934 and 32.91 points above the December 1933 index. Exports to the United States at 10,511,000 kilowatt hours were higher than in November, but were not a record. Deliveries o electric boilers also reached a new high at 570,377,000 kilowatt hours which exceeded he December 1933 deliveries by 42 per cent. The index number for the output less exports nd deliveries to electric boilers rose to 163.25, or 1.33 points above the record made ast May and 20.52 points above the December 1933 index.

The total output for the year 1934 from these large stations, which produce over 3 per cent of all stations, amounted to 31,167,682,000 kilowatt hours. This was 20.59 er cent above the 1933 output and 18.50 per cent above the previous record made in 1930.

Total exports to the United States amounted to 1,248,811,000 kilowatt hours, as gainst 989,364,000 kilowatt hours in 1933 and 1,619,603,000 kilowatt hours in 1930. eliveries to electric boilers increased from 3,608,400,000 kilowatt hours in 1933 and ,104,846,000 kilowatt hours in 1930 to 5,130,701,000 kilowatt hours, and total output ess exports and deliveries to electric boilers amounted to 14,788,171,000 kilowatt hours, 14.15 per cent above the 1933 figure and 4.6 per cent above the previous record made 1930.

./1/35/400

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		M	ONTHLY OUTPUTS			
Generated by	Water Power					
Dec. 1934 Nov. 1934 Dec. 1933	2,026,129 x1,918,216 1,675,105	57,739 x60,145 50,520	1,114,243 1,084,381 862,635	587,028 524,313 515,568	132,701 122,755 125,544	134,418 126,622 120,838
Generated by	Fuel					
Dec. 1934 Nov. 1934 Dec. 1933	34,963 35,296 32,780	14,491 16,236 14,165	* * * * * * * * * * * * * * * * * * *	55 49 44	20,243 18,880 18,403	174 131 168
Total Output						
Dec. 1934 Nov. 1934 Dec. 1933	2,061,092 x1,953,512 1,707,885	72,230 76,381 64,685	1,114,243 1,084,381 862,635	587,083 524,362 515,612	152,944 141,635 143,947	134,592 126,753 121,006
		PROVINCIAL CONSUMPTIONS1/				
Dec. 1934 Nov. 1934 Dec. 1933	1,950,582 1,853,753 1,608,532	71,161 75,244 63,416	880,715 846,008 687,285	711,214 664,151 592,921	154,222 142,831 145,102	133,270 125,519 119,808

### INDEX NUMB

	January	February	March	April	May	June
			appin aggiornia de la companya de l		,	TO
1930 1931 1932 1933 1934	147.98 141.69 134.57 132.93 164.21	144.89 138.76 137.33 134.68 167.31	147.47 137.95 135.14 133.42 174.90	152.89 143.60 135.30 131.97 172.79	154.01 136.17 126.73 134.59 182.54	150.69 135.48 125.86 143.99 179.47
					OUTPUT LES	S EXPORTS
1930 1931 1932 1933 1934	155.62 144.18 138.14 129.83 149.81	150.28 140.98 141.48 128.59 151.00	151.67 143.01 136.90 128.07 156.66	154.97 147.18 133.28 127.21 152.13	155.79 144.44 128.35 131.46 161.92	150.93 143.75 124.96 136.54 157.59

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

1	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		Ī	DAILY AVERAGE O	UTPUTS <sup>2</sup> /		
	65,359 x63,941 54,036	1,863 x2,005 1,630	35,943 36,146 27,827	18,936 17,477 16,631	4,281 4,092 4,050	4,336 4,221 3,898
	1,128 1,176 1,057	467 541 457	0 0 0 0 0 0	2 2 1	653 629 594	6 4 5
-	66,487 x65,117 55,093	2,330 2,546 2,087	35,943 36,146 27,827	18,938 17,479 16,633	4,934 4,721 4,643	4,342 4,225 3,903
		DELIVERI	ES TO ELECTRIC			
	570,377 537,961 401,752	3/ 6,842 3/ 7,055 3/ 3,422	429,719 412,697 286,068	101,493 92,229 81,844	4/ 32,127 4/ 25,808 4/ 30,224	196 172 194

Average, 1926 = 100)

	July	August	September	October	November	December
ישכ	PUT			eepermantig ye var gaaare (baseer Cassartigaans) (baseel) (baseel) (baseel) (baseel) (baseer (baseer) (baseer (baseer) (		
)EI	150.38 131.99 121.89 152.17 171.02	146.65 130.48 127.79 156.66 x174.18	147.30 131.52 130.57 152.03 166.11	147.48 133.78 130.20 151.51 x173.57	142.70 133.25 136.38 160.31 x183.96	143.68 133.42 133.52 159.11 192.02
	151.46 139.38 121.09 141.74 157.32	146.18 136.59 125.29 146.43 x159.39	147.43 138.86 128.80 145.24 155.03	146.75 137.18 126.69 143.19 x156.85	143.20 136.18 135.18 144.84 158.25	143.80 136.58 129.99 142.73 163.25

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays.

<sup>//</sup> New Brunswick only.
// Manitoba only.

		*			
Month	1930	1931	1932	1933	1934
January February March April May June July August September October November December	1,554,812 1,398,096 1,515,465 1,502,338 1,544,627 1,434,611 1,425,690 1,411,861 1,442,962 1,574,560 1,515,403 1,542,308	1,488,721 1,338,988 1,417,558 1,411,090 1,365,786 1,289,828 1,251,323 1,256,149 1,288,413 1,428,342 1,415,020 1,432,182	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 x1,830,820 1,708,632 1,621,314 x1,676,865 1,627,289 x1,853,226 x1,953,512 2,061,092
TOTAL	17,862,733	16,383,400	15,862,987	17,553,001	21,167,682
January February March April May June July August September October November December	112,625 117,176 126,894 117,504 129,138 136,016 131,817 142,571 153,657 161,323 141,587 149,295	162,443 145,498 127,985 97,677 86,824 88,602 95,085 99,781 93,288 95,423 73,357 69,362	0NITED STATES 61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737 35,023 41,610	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457 99,353	100,485 102,151 112,115 63,105 111,000 113,640 105,866 115,988 107,114 107,122 x99,714 110,511
TOTAL	1,619,603	1,235,325	667,880	989,364	1,248,811
January February March April May June July August September October November December	0UTPUT LESS 1,273,491 1,122,302 1,212,901 1,181,750 1,213,472 1,126,485 1,129,110 1,109,551 1,134,245 1,228,479 1,190,704 1,215,794	1,179,856 1,052,887 1,143,625 1,122,294 1,125,041 1,072,893 1,039,037 1,036,736 1,068,277 1,148,387 1,132,312 1,154,705	1,130,430 1,056,607 1,094,779 1,016,348 999,749 932,648 902,740 950,994 990,920 1,060,554 1,123,982 1,099,017	1,062,447 960,342 1,024,147 970,017 1,023,979 1,019,082 1,056,634 1,111,397 1,117,383 1,198,720 1,204,309 1,206,780	1,225,962 1,127,664 1,252,827 1,160,066 x1,261,178 1,176,141 1,172,789 x1,209,77 1,192,69 x1,313,03 x1,315,83 1,380,20
TOTAL	14,138,284	13,276,050	12,358,768	12,955,237	14,788,17
And the second s					

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Minister of Trade and Commerce.

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JANUARY, 1935

The output of central electric stations in Canada during January amounted to 2,013,183,000 kilowatt hours, as against 1,725,264,000 kilowatt hours for January 1934 and 2,052,940,000 kilowatt hours for December. Although the January output was slightly less than the December total the index number rose from 191.26 to 191.61, a new high record.

Exports to the United States increased from 110,508,000 kilowatt hours in December to 113,878,000 kilowatt hours. Deliveries to electric boilers dropped from 570,377,000 kilowatt hours in December to 525,845,000 kilowatt hours, probably due to smaller requirements of pulp and paper mills. The index number of the total output less exports and deliveries to electric boilers also reached a new high record at 167.84, as against 162.28 for December and 149.81 for January, 1934.

Total figures for the twelve months of 1934 have been added to this issue of the report. The total represents between 98 and 99 per cent of the output of all central electric stations in Canada, the remainder being produced by numerous small plants which do not make monthly reports to the Bureau.

		Maritime			Prairie	British
	Total	Provinces	Quebec	Ontario	Provinces	Columbia
			MONTHLY OUTPUT	S		
	Water Dames			=		
Generated by	water Power		-			
Jan. 1935	1,978,039	54,494	1,082,667	579,166	135,701	126,011
Dec. 1934	x2,017,977	57,739	1,114,243	x578,876	132,701	134,418
Jan. 1934	1,691,128	43,413	868,589	535,501	123,786	119,839
Year 1934	20,805,726	600,219	11,356,194	6,095,373	1,320,044	1,433,896
Generated by	Fuel					
Jan. 1935	35,144	14,197	0 • 0	50	20,134	763
Dec. 1934	34,963	14,491	0 0 0	55	20,243	174
Jan. 1934	34,136	15,294		47	18,702	93
Year 1934	353,804	169,458		384	182,773	1,189
Total Output						
Jan. 1935	2,013,183	68,691	1,082,667	579,216	155,835	126,774
Dec. 1934	x2,052,940	72,230	1,114,243	x578,931	152,944	134,592
Jan. 1934	1,725,264	58,707	868,589	535,548	142,488	119,932
Year 1934	21,159,530	769,677	11,356,194	6,095,757	1,502,817	1,435,085
•		PRO	VINCIAL CONSUMP	TIONS1/		
Tam 1075	7 800 206		837,124	712,395	157,268	125,282
Jan. 1935 Dec. 1934	1,899,306 x1,942,432	67,237	880,715	x703,062	154,222	133,270
Jan. 1934	1,624,779	57,386	682,898	622,118	143,849	118,528
Year 1934	19,910,723	756,227	8,868,310	7,348,723	1,518,305	1,419,158

#### INDEX NUMBE

						INDIA ROBBE
	January	February	March	April	May	June
						TOI
1931 <sup>*</sup> 1932 1933 1934 1935	141.69 134.57 132.93 164.21 191.61	138.76 137.33 134.68 167.31	137.95 135.14 133.42 174.90	143.60 135.30 131.97 172.79	136.17 126.73 134.59 182.54	135.48 125.86 143.99 179.47
					OUTPUT LES	S EXPORTS I
1931 1932 1933 1934 1935	144.18 138.14 129.83 149.81 167.84	140.98 141.48 128.59 151.00	143.01 136.90 128.07 156.66	147.18 133.28 127.21 152.13	144.44 128.35 131.46 161.92	143.75 124.96 136.54 157.59

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

T	The state of the s	Maritime			Prairie	D-:4:-1
	Total	Provinces	Quebec	Ontario	Provinces	British Columbia
				,	TIOVINCES	COTUMDIA
			DAILY AVERAG	E OUTPUTS 2/		
	05.000	3 770				
	63,808	1,758	34,925	18,683	4,377	4,065
	x65,096	1,863	35,943	x18,673	4,281	4,336
	54,552 57,002	1,400	28,019	17,274	3,993	3,866
	01,000	1,644	31,113	16,700	3,617	3,928
	1,134	458	900	2	649	25
	1,128	467	0 0 0	2	653	6
	1,101	493		2	603	3
	969	464	• • •	1	501	3
	24.040					
	64,942	2,216	34,925	18,685	5,026	4,090
	x66,224	2,330	35,943	x18,675	4,934	4,342
	55,653 57,971	1,893	28,019	17,276	4,596	3,869
	01,011	2,108	31,113	16,701	4,118	3,931
		DELIVE	RIES TO ELECTR	IC BOILERS		
	FOF DAR	Carlotte of Carriage and Carried and Carri			. /	,
	525,845	3/ 1,650	379,677	108,593	4/ 35,707	, 218
	570,377	3/6,842	429,719	101,493	4/ 32,127	196
	398,816	3/	276,787	91,088	4/30,754	187
	5,130,699	3/44,454	3,900,736	950,454	4/233,168	1,887

(Average, 1926 = 100)

7-									
	July	August	September	October	November	December			
_	OUTPUT								
	131.99 121.89 152.17 171.02	130.48 127.79 156.66 174.18	131.52 130.57 152.03 166.11	133.78 130.20 151.51 173.57	133.25 136.38 160.31 183.96	133.42 133.52 159.11 x191.26			
-	DELIVERIES TO	ELECTRIC BOIL	ERS						
	139.38 121.09 141.74 157.32	136.59 125.29 146.43 159.39	138.86 128.80 145.24 155.03	137.18 126.69 143.19 156.85	136.18 135.18 144.84 158.25	136.58 129.99 142.73 x162.28			

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only.
4/ Manitoba only.

		• .			
Month	1931	1932	1933	1934	1935
January February March April May June July August September October November December	1,488,721 1,338,988 1,417,558 1,411,090 1,365,786 1,289,828 1,251,323 1,256,149 1,288,413 1,428,342 1,415,020 1,432,182	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 x2,052,940	2,013,184
TOTAL	16,383,400	15,862,987	17,553,001	x21,159,530	
		EXPORTS TO THE	EXPORTS TO THE UNITED STATES		
January February March April May June July August September October November December	162,443 145,498 127,985 97,677 86,824 88,602 95,085 99,781 93,288 95,423 73,357 69,362	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737 35,023 41,610	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457 99,353	100,485 102,151 112,115 63,105 111,000 113,640 105,866 115,988 107,114 107,122 99,714 x110,508	113,878
TOTAL	1,235,325	667,880	989,364	x1,248,808	
January February March April May June July August September October November December	OUTPUT LE  1,179,856 1,052,887 1,143,625 1,122,294 1,125,041 1,072,893 1,039,037 1,036,736 1,068,277 1,148,387 1,132,312 1,154,705	1,130,430 1,056,607 1,094,779 1,016,348 999,749 932,648 902,740 950,994 990,920 1,060,554 1,123,982 1,099,017	1,062,447 960,342 1,024,147 970,017 1,023,979 1,019,082 1,056,634 1,111,397 1,117,383 1,198,720 1,204,309 1,206,780	1,225,962 1,127,664 1,252,827 1,160,066 1,261,178 1,176,141 1,172,789 1,209,774 1,192,695 1,313,033 1,315,837 x1,372,056	1,373,461
TOTAL	15,276,050	12,358,768	12,955,237	x14,780,022	
TOTAL	15,276,050	12,358,768	12,955,837	x14,780,022	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### FEBRUARY, 1935

The output of central electric stations declined from a daily average in January of 64,945,000 kilowatt hours to 64,408,000 kilowatt hours in February, the total for February being 1,803,424,000 kilowatt hours. Exports to the United States at 109,524,000 kilowatt hours were 6 per cent heavier on a daily basis than during January, but deliveries to electric boilers at 472,124,000 kilowatt hours were slightly lighter on a daily basis. The consumption of primary power in Canada amounted to 1,221,776,000 kilowatt hours, or a daily average of 43,635,000 kilowatt hours as against 44,308,000 kilowatt hours in January, and the index number dropped from 167.85 to 163.60. January, however, was the only month with a higher index number, the third highest being last December at 162.28. The index number for total output at 186.90 was lower than for January and December but higher than for any other month.

		Maritime	Ob-o	Ontario	Prairie Provinces	British Columbia
	Total	Provinces	Quebec	Ontario	TIOVINGED	COLUMN DATE
		Ţ	MONTHLY OUTPUTS			
Generated by	y Water Power					
Feb. 1955 Jan. 1935 Feb. 1934	7.772,961 1,978,039 1,586,190	59.961 54.400 55,147	962,869 1,082,667 805,145	544,279 579,166 525,940	113,686 135,701 112,122	112,166 126,011 104,836
Generated h	W Fuel	,				
Feb. 1935 Jan. 1935 Feb. 1934	30,463 x35,243 28,235	13,507 14,197 12,008	0 0 0	30 50 21	16,796 x20,233 16,149	130 763 57
Total Outpu	t					
Feb. 1935 Jan. 1935 Feb. 1934	1,803,424 x2,013,282 1,614,425	53,468 68,691 50,155	962,869 1,082,667 805,145	544,309 579,216 525,961	130,482 x155,934 128,271	112,296 126,774 104,893
Total to Da	ite	,				
1935 1934	3,816,706 3,339,689	122,159 108,862	2,045,536 1,673,734	1,123,525	286,416 270,759	239,070 224,824
	,	PROVI	NCIAL CONSUMPTI	ONS 1/		
Feb. 1935 Jan. 1935 Feb. 1934 Total to Da		52,037 67,237 48,907	754,520 837,124 639,610	644,611 712,395 590,629	131,734 x157,367 129,410	110,998 125,282 103,718
1935 1934	3,593,305 3,137,053	119,274	1,591,644 1,322,508	1,357,006 1,212,747	289,101 273,259	236,280 222,246

### INDEX NUMBER

Leaving and the state of the st	January	February	March	April	May	June	
Carles Comments of the contract of the contrac						TOTA	
1933 1934 1935	132.93 164.21 <u>x191.62</u>	134.68 167.31 186.90	133.42 174.90	131.97 172.79	134.59 182.54	143.99 179.47	
1933 1934 1935	129.83 149.81 x167.85	128.59 151.00 163.60	128.07 156.66	127.21 152.13	131.46 161.92	136.54 157.59	

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

Tota	]	Maritime Provinces	Quebec	Ontario	Prairie	British
		1100111000		4	Provinces	Columbia
			DAILY AVERAGE	OUTPUTS 2/		
63	,320 ,808 ,650	1,427 1,758 1,363	34,388 34,925 28,755	19,439 18,683 18,784	4,060 4,377 4,004	4,006 4,065 3,744
xl	,088 ,137 ,008	482 458 42 <b>9</b>		- 1 2	600 x652 577	5 25 2
x64	,408 ,945 ,658	1,909 2,216 1,792	34,388 34,925 28,755	19,440 18,685 18,784	4,660 x5,029 4,581	4,011 4,090 3,746
	,690 ,605	2,070 1,845	34,670 28,368	19,043 17,992	4,855 4,589	4,052 3,811
525	,124 ,845 ,610	(3) <u>DELIV</u> 1,650	ZERIES TO ELECT 346,661 379,677 266,777	97,125 108,593 87,979	(4) 28,162 35,707 29,699	176 218 155
	,969 ,427	1,650	726,338 543,565	205,718 179,067	63,869 60,453	394 342

(Average, 1926 = 100)

	July	August	September	October	November	December
ועכ	TPUT					
	152.17 171.02	156.66 174.18	152.03 166.11	151.51 173.57	160.31 183.96	159.11 191.26
E	IVERIES TO ELE	CTRIC BOILERS				
	141.74 157.32	146.43 159.39	145.24 155.03	143.19 156.85	144.84 158.25	142.73 162.28

<sup>1/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.
Manitoba only.

		(Indapana)			
Month	1931	1932	1933	1934	1935
	7 400 707	1,413,918	1,396,661	1,725,264	x2,013,282
January	1,488,721	1,325,133	1,299,580	1,614,425	1,803,424
Pebruary	1,338,988 2,827,709	2,739,051	2,696,241	3,339,689	3,816,706
Sub Total		1,388,697	1,371,060	1,797,334	
larch	1,417,558	1,329,489	1,296,805	1,697,909	
lpril	1,411,090	1,271,015	1,349,942	1,830,820	
lay	1,365,786	1,198,232	1,370,901	1,708,632	
June		1,155,581	1,442,657	1,621,314	
July	1,251,323	1,230,220	1,508,216	1,676,865	
August	1,256,149	1,279,140	1,489,322	1,627,289	
September	1,288,413	1,390,144	1,617,608	1,853,226	
October	1,428,342	1,448,227	1,702,363	1,953,512	
November	1,415,020	1,433,191	1,707,886	2,052,940	
December	1,432,182	15,862,987	17,553,001	21,159,530	
TOTAL	10,303,400	10,000,000	1,1000		
	EXPORTS TO THE UNITED STATES				
January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
Sub Total	307,941	114,189	94,458	202,636	223,402
March	127,985	55,414	45,343	112,115	
April	97,677	54,982	35,272	63,105	
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	115,988	
September	\$3,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
	OUTPUT LE	SS EXPORTS AND	DELIVERIES TO E	LECTRIC BOILERS	
January	1,179,856	1,130,430	1,062,447	1,225,962	x1,373,559
February	1,052,887	1,056,607	960,342	1,127,664	1,221,77
Sub Total	2,232,743	2,187,037	2,022,789	2,353,626	2,595,33
March	1,143,625	1,094,779	1,024,147	1,252,827	
April	1,122,294	1,016,348	970,017	1,160,066	
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	
x - Revised			A STATE OF THE PARTY OF THE PAR	wark da n dan dagaganganipunipunipunipunin din dagabahbanipun	gade garagan specific a similar transferinsi
Y - MEATSER	n .				

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

01 001

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### MARCH, 1935

The output of central electric stations for March amounted to 1,943,554,000 kilowatt hours, as against 1,797,334,000 kilowatt hours for March, 1934. On a daily basis the March output was 2.7 per cent lower than during February, but this was less than the usual seasonal decline and the index number rose from 186.90 to 189.13. Deliveries to electric boilers increased from 432,393,000 kilowatt hours last year to 481,820,000 kilowatt hours and exports to the United States amounted to 103,956,000 kilowatt hours as against 112,115,000 kilowatt hours in March, 1934.

The index number for the consumption of firm power in Canada, or the total output less exports to the United States and deliveries to electric boilers, increased from 163.70 for February to a new high record of 169.79; the previous record was 167.78 for January, 1935.

gamakurinanda adkarda sah mililah mililah	Total	Maritime Provinces	Quebec	Ontario	Prairie, Provinces	British Columbia
			MONTHLY OUTPUTS			
Generated	by Water Powe			•		
Mar. 1935 Feb. 1935 Mar. 1934	1,912,931 x1,772,812 1,769,326	43,416 39,961 42,019	1,032,363 x 962,720 881,766	578,285 544,279 603,773	125,713 113,686 122,904	133,154 112,166 118,864
Generated	by Fuel					
Mar. 1935 Feb. 1935 Mar. 1934	30,623 30,634 28,008	13,660 13,507 12,397	208 x 171	28 30 30	16,632 16,796 15,393	95 130 188
Total Outp	out					
Mar. 1935 Feb. 1935 Mar. 1934	1,943,554 1,803,446 1,797,334	57,076 53,468 54,416	1,032,571 x 962,891 881,766	578,313 544,309 603,803	142,345 130,482 138,297	133,249 112,296 119,052
Total to I	Date Date					
1935 193 <b>4</b>	5,759,742 5,137,023	179,235 163,279	3,077,589 2,555,500	1,701,838 1,665,313	428,761 409,056	372,319 343,875
		PROVI	NCIAL CONSUMPTI	ONS1/		
Mar. 1935 Teb. 1935 Mar. 1934	1,839,598 x1,693,923 1,685,220	55,561 52,037 53,045	808,771 x754,543 704,755	699,713 644,611 670,107	143,840 131,734 139,652	131,713 110,998 117,661
Total to Date						
1935 1934	5,432,385 4,822,273	174,835 159,338	2,399,898 2,027,263	2,056,719 1,882,854	432,941 412,911	367,992 339,907

#### INDEX NUMBERS

	January	February	March	April	May	June	
						TOTAL	
1933 1934 1935	132.93 164.21 x191.77	134.68 167.31 186.90	133.42 174.90 189.13	131.97 172.79	134.59 182.54 OUTPUT LES	143.99 179.47 S EXPORTS AND	
1933 1934 1935	129.83 149.81 x167.78	128.59 151.00 x163.70	128.07 156.66 169.79	127.21 152.13	131.46 161.92	136.54 157.59	

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		DAILY A	VERAGE OUTPUTS <sup>2</sup> ,	1		
61,707 x 63,315 57,075	1,401 1,427 1,355	33,302 x34,383 28,444	18,654 19,439 19,476	4,055 4,060 3,965	4,295 4,006 3,835	
988 x 1,094 903	441 482 400	7 x 6	1 1 1	536 600 496	3 5 6	
62,695 x 64,409 57,978	1,842 1,909 1,755	33,309 x34,389 28,444	18,655 19,440 19,477	4,591 4,660 4,461	4,298 4,011 3,841	
63,996 57,078	1,992 1,814	34,195 28,394	18,909 18,504	4,764 4,545	4,137 3,821	
	(3)	DELIVERIES TO	DELIVERIES TO FLECTRIC BOILERS (4)			
481,820 x471,364 432,393	181	351,886 x345,901 303,731	99,437 97,125 97,487	30,121 28,162 31,008	195 176 167	
1,479,029 1,215,820	1,831	1,077,464 847,296	305,155 276,554	93,990 91,461	589 509	

(Average, 1926 = 100)

July	August	September	October	November	December
 UTPUT					
152.17 171.02	156.66 174.18	152.03 166.11	151.51 173.57	160.31 183.96	159.11 191.26
 ELIVERIES TO EL	ECTRIC BOILERS				
141.74 157.32	146.43 159.39	145.24 155.03	143.19 156.85	144.84 158.25	142.73 162.28

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
 New Brunswick only.
 Manitoba only.

				and the second	
Month	1931	1932	1933	1934	1935
January February	1,488,721 1,338,988 1,417,558	1,413,918 1,325,133 1,388,697	1,396,661 1,299,580 1,371,060	1,725,264 1,614,425 1,797,334	x2,012,742 x1,803,446 1,943,554
March	4,245,267	4,127,748	4,067,301	5,137,023	5,759,742
Sub Total	1,411,090	1,329,489	1,296,805	1,697,909	
April	1,365,786	1,271,015	1,349,942	1,830,820	
May June	1,289,828	1,198,232	1,370,901	1,708,632	
July	1,251,323	1,155,581	1,442,657	1,621,314	
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
Company of the compan	See September (C) in regional sees (, in all months and the settlement of settlement o	FYDARTS TO THE	UNITED STATES		
		CHAIL OFFICE SPACES	1		337 070
January	162,443	61,767	48,C18	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
Sub Total	435,926	169,603	139,801	314,751	021,000
April	97,677	54,982	35, 272	63,105	
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,675	105,866	
July	95,085	59.015	119,192	115,988	
August	99,781	69,192	122,907	107,114	
September	93,288	50, 737	127,243	107,122	
October	95,423 73,35?	35,023	106, 457	99,714	
November	69,362	41,610	99,353	110,508	The second secon
December TOTAL	1,235,325	667,880	989,364	1,248,808	Santilla Company of Table Company
The supposed is continued and supply and considerated and property and the supply and considerated and property and considerated and property and considerated and property and considerated and	The state of the s	and the appropriate property of the second position apply along the franchis sequential content to the second	and the second s	the state of the s	
	OUTPUT I	ESS EXPORTS ANI	DELIVERIES TO	ELECTRIC BOILERS	
January	1,179,856	1,130,430	1,062,447	1,225,962	x1,373,019
chmary	1,052,887	1,056,607	960,342	1,127,664	x1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
Sub Total	3,376,368	3,281,816	3,046,936	3,606,453	3,953,356
April	1,122,294	1,016,348	970,017	1,160,066	
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720 1,204,309	1,315,837	
November	1,132,312	1,123,982	1,204,503	1,372,056	
December	1,154,705	1,000,01!	THE PASO OF THE PASSES	ALTERNATION AND AND AND AND AND AND AND AND AND AN	is appreciate with the contraction of the contracti
TOTAL.	13,276,050	12,358,768	12,955,237	14,780,022	and regions are the confirmation of the confir

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 4

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1935

Central electric stations in Canada produced 1,881,028,000 kilowatt hours in April, as against 1,697,909,000 kilowatt hours in April last year and 1,943,544,000 kilowatt hours for March, and the index number increased from 189.13 for March to 191.43. This is the second highest recorded, the peak being 191.77 for January, 1935. On a daily basis the April output was slightly greater than the March average, but there were 5 Sundays and 5 Saturdays in March, as against 4 of each in April.

Exports to the United States amounted to 97,474,000 kilowatt hours and deliveries to electric boilers amounted to 489,104,000 kilowatt hours, as against 63,105,000 kilowatt hours and 474,738,000 kilowatt hours, respectively, for April, 1934.

The consumption of firm power in Canada, or the total output less exports and deliveries to electric boilers, decreased from 1,357,778,000 kilowatt hours for March to 1,294,450,000 kilowatt hours, and the index number declined from 169.79 to 169.75 which is the second highest yet recorded.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MON	THLY OUTPUTS			
Generated b	y Water Power					
Apr. 1935 Mar. 1935 Apr. 1934	1,854,252 1,912,931 1,673,869	53,065 43,416 49,230	1,028,940 1,032,363 925,386	533,740 578,285 473,761	118,689 125,713 114,286	119,818 133,154 111,206
Generated b	y Fuel					
Apr. 1935 Mar. 1935 Apr. 1934	26,776 30,623 24,040	13,708 13,660 11,781	211 208	23 28 24	12,754 16,632 12,152	80 95 83
Total Outpu	t					
Apr. 1935 Mar. 1935 Apr. 1934	1,881,028 1,943,554 1,697,909	66,773 57,076 61,011	1,029,151 1,032,571 925,386	533,763 578,313 473,785	131,443 142,345 126,438	119,898 13 <b>3</b> ,249 111,289
Total to Da	te					
1935 1934	7,640,770 6,834,932	246,008 224,290	4,106,740 3,480,886	2,235,601 2,139,098	560,204 535,494	492,217 455,164
		PROVINCI	AL CONSUMPTIONS	31/		
Apr. 1935 Mar. 1935 Apr. 1934	1,783,555 1,839,598 1,634,804	65,564 55,561 59,956	805,220 808,771 735,732	661,467 699,713 601,417	133,026 143,840 127,928	118,278 131,713 109,771
Total to Da	ate T					
1935 1934	7,215,940 6,457,077	240,399 219,294	3,205,118 2,762,995	2,718,186 2,484,271	565,967 540,839	486,270 449,678

#### INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1933 1934 1935	132.93 164.21 191.77	134.68 167.31 186.90	133,42 174.90 189.13	131.97 172.79 191.43	134.59 182.54	143.99 179. <b>4</b> 7
	,	AND THE RESERVE OF THE PERSON			OUTPUT LES	S EXPORTS AND
1933 1934 1935	129.83 149.81 167.78	128.59 151.00 163.70	128.07 156.66 169.79	127.21 152.13 169.75	131.46 161.92	136.54 157.59

<sup>1/</sup> Production plus provincial imports less provincial exports.

		Maritime			Prairie	D: 1: 1
-	Total	Provinces	Quebec	Ontario	Provinces	British Columbia
			DAILY AVERAG	GE OUTPUTS <sup>2</sup> /		
	61,808 61,707 55,796	1,769 1,401 1,641	34,298 33,302 30,846	17,791 18,654 15,792	3,956 4,055 3,810	3,994 4,295 3,707
	893 988 801	457 441 393	7 7 ••	1 1	425 536 405	3 3 3
	62,701 62,695 56,597	2,226 1,842 2,034	34,305 33,309 30,846	17,792 18,655 15,792	4,381 4,591 4,215	3,997 4,298 3,710
	63,673 56,958	2,050 1,869	34,223 29,007	18,630 17,826	4,668 4,463	4,102 3,793
	489,104 481,820 474,738	(3) 3,775 181 4,013	367,723 351,886 367,805	93,231 99,437 78,383	(4) 24,184 30,121 24,377	191 195 160
	1,968,133 1,690,558	5,606 4,013	1,445,187 1,21 <b>5</b> ,101	398,386 354,937	118,174 115,838	780 669

(Average, 1926 = 100)

July	August	ust September October		November	December				
OUTPUT									
152.17 171.02	156.66 174.18	152.03 166.11	151.51 173.57	160.31 183.96	159.11 191.26				
DELIVERIES TO	DELIVERIES TO ELECTRIC BOILERS								
141.74 157.32	146.43 159.39	145.24 155.03	143.19 156.85	144.84 158,25	142.73 162.28				

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

		(IIIOupatius of i			And the second s
Month	1931	1932	1933	1.934	1935
Colo salida - citarantesa magan manter - maga mp. 16 - Sport and colorado - c	7 499 797	1,413,918	1,396,661	1,725,264	2,012,742
January	1,488,721	1,325,133	1,299,580	1,614,425	1,803,446
February	1,338,988	1,388,697	1,371,060	1,797,334	1,943,554
March	1,417,558	1,329,489	1,296,805	1,697,909	1,881,028
April	1,411,090	5,457,237	5,364,106	6,834,932	7,640,770
Sub Total	5,656,357	1,271,015	1,349,942	1,830,820	
May	1,365,786	1,198,232	1,370,901	1,708,632	
June	1,289,828	1,155,581	1,442,657	1,621,314	
July	1,256,149	1,230,220	1,508,216	1,676,865	
August	1,288,413	1,279,140	1,489,322	1,627,289	
September October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,852,987	17,553,001	21,159,530	
All and designation of the case of the cas	- there is the will extend to the second section of	See Control of the State			
		EXPORTS TO TH	E UNITED STATES		
January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,474
Sub Total	533,603	224,585	175,073	377,856	424,832
May	86,824	51,354	42,874	111,000	
June	88,602	64,864	86,673	113,640	
July	95,085	59,015	119,192	105,866	
August	99,781	69,192	109,592	115,988	
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	the companion of the supple to supple the supple to the su
TOTAL	1,235,325	667,880	989,364	1,248,808	er gener demonstragen er gener omgener om den den den den de en
	OUTPUT LES	S EXPORTS AND 1	DELIVERIES TO EL	ECTRIC BOILERS	
January	1,179,856	1,130,430	1,062,447	1,225,962	1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
April	1,122,294	1,016,348	970,017	1,160,066	1,294,450
Sub Total	4,498,662	4,298,164	4,016,953	4,766,519	5,247,806
May	1,125,041	999,749	1,023,979	1,261,178	
June	1,072,893	932,648	1,019,082	1,176,141	
July	1,039,037	902,740	1,056,634	1,172,789	
August	1,036,736	950,994	1,111,397	1,209,774	,
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	g vindigeleidenstellige vind Article – opwerk Steel, seinstelleiden och den stelleiden.  «Vindigeleiden stelleiden vindigeleiden stelleiden vindigeleiden vindigeleiden vindigeleiden.
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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH NOTTAWA

OTTAWA

IN ECONOMICS.

No. 5

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MAY, 1935

Central electric stations produced 1,923,071,000 kilowatt hours during May, as against 1,830,820,000 kilowatt hours in May, 1934. The index number, adjusted for seasonal variations, was 191.74 which was only a fraction below the peak of 191.77 reached last January. The index number of the production less exports and deliveries to electric boilers, or the consumption of firm power in Canada, reached a new high point at 170.92; the previous peak was 169.79 for last March.

The consumption in Ontario increased from 608,076,000 kilowatt hours in May, 1934, to 669,512,000 kilowatt hours and, of this increase of 61,436,000 kilowatt hours, 38,289,000 kilowatt hours, or 62 per cent, was firm power and the remainder was in deliveries to electric boilers. Quebec showed an increase of 28,376,000 kilowatt hours made up of 15,431,000 kilowatt hours, or 54 per cent, in firm power and 12,945,000 kilowatt hours, or 46 per cent, in secondary power delivered to electric boilers.

Exports to the United States declined to 94,256,000 kilowatt hours, as against 37,475,000 kilowatt hours in April and 111,000,000 kilowatt hours in May last year.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		M	NTHLY OUTPUTS	OUTPUTS		
Generated by	y Water Power	968				
May, 1935 Apr. 1935 May, 1934	1,896,121 1,854,252 1,805,305	57,830 53,065 56,819	1,061,757 1,028,940 1,036,240	535,894 533,740 488,845	113,655 118,689 106,836	126,985 119,818 116,565
Generated b	y Fuel					
May, 1935 Apr. 1935 May, 1934	26,950 26,776 25,515	13,476 13,708 12,961	231	20 23 15	13,143 12,754 12,502	80 80 37
Total Outpu	ıt					
May, 1935 Apr. 1935 May, 1934	1,923,071 1,881,028 1,830,820	71,306 66,773 69,780	1,061,988 1,029,151 1,036,240	535,914 533,763 488,860	126,798 131,443 119,338	127,065 119,898 116,602
Total to Da	ate					
1935 1934	9,563,841 8,665,752	317,314 294,070	5,168,728 4,517,126	2,771,515 2,627,958	687,002 654,832	619,282 571,766
	av .	PROVI	NCIAL CONSUMPTI	ONS1/		
May, 1935 Apr. 1935 May, 1934	1,828,816 x1,783,554 1,719,820	70,173 65,564 68,886	835,323 x805,219 806,947	669,512 661,467 608,076	128,295 133,026 120,895	125,513 118,278 115,016
Total to D	ate					
1935 1934	9,044,755 8,176,897	310,572 288,180	4,040,440 3,569,942	3,387,698 3,092,347	694,262 661,734	611,783 564,694

INDEX NUMBERS

Breakfaction - who assess - despendent representation - continues -	January	February	March	April	May	June
				Control of the Contro		TOTAL
1933 1934 1935	132.93 164.21 191.77	134.68 167.31 186.90	133.42 174.90 189.13	131.97 172.79 191,43	134.59 182.54 191.74	143.99 179.47
					OUTPUT LES	S EXPORTS ANI
1933 1934 1935	129.83 149.81 167.78	128.59 151.00 163.70	128.07 156.66 169.79	127.21 152.13 169.75	131.46 161.92 170.92	136.54 157.59

<sup>1/</sup> Production plus provincial imports less provincial exports.

x - Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	OUTPUTS <sup>2</sup> /		
61,165	1,866	34,250	17,287	3,666	4,096
61,808	1,769	34,298	17,791	3,956	3,994
58,236	1,833	33,427	15,769	3,446	3,761
869 893 823	434 457 418	7 7	1.	424 425 403	3 3 2
62,034	2,300	34,257	17,288	4,090	4,099
62,701	2,226	34,305	17,792	4,381	3,997
59,059	2,251	33,427	15,769	3,849	3,763
63,336	2,101	34,230	18,354	4,550	4,101
57,389	1,947	29,915	17,404	4,337	3,786
497,484 489,104 458,642	(3) 5,867 3,775 4,619	378,336 367,723 365,391	96,184 93,231 73,037	(4) 16,934 24,184 15,440	163 191 155
2,465,617	11,473	1,823,523	494,570	135,108	943
2,149,200	8,632	1, <b>5</b> 80,492	427,974	131,278	824

(Average, 1926 = 100)

July	August	September	October	November	December			
OUTPUT 152.17 171.02	156.66 174.18	152.03 166.11	151.51 173.57	160.31 183.96	159.11 191.26			
DELIVERIES TO	O ELECTRIC BOI	LERS						
DELIVERIES TO ELECTRIC BOT           141.74         146.43           157.32         159.39		145。24 155。03	143.19 156.85	144.84 158.25	142.73 162,28			

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only
4/ Manitoba only

Month						
February 1,388,988 1,885,188 1,299,580 1,614,425 1,803,446 March 1,417,558 1,888,697 1,571,060 1,797,354 1,943,554 March 1,411,090 1,529,499 1,296,805 1,697,909 1,881,028 May 1,555,786 1,271,015 1,249,462 1,863,820 1,923,071 July 1,251,825 1,155,591 1,449,642 1,665,752 9,565,841 July 1,251,825 1,155,591 1,449,657 1,621,514 August 1,256,149 1,250,220 1,508,216 1,676,865 September 1,289,413 1,279,140 1,489,522 1,670,805 September 1,283,413 1,279,140 1,489,322 1,627,289 Cotober 1,428,442 1,590,144 1,617,608 1,853,226 November 1,445,080 1,440,227 1,702,363 1,965,512 December 1,485,182 1,440,227 1,702,363 1,965,512 December 1,485,182 1,485,191 1,707,2826 2,282,2940 TOTAL 16,383,400 15,862,987 17,553,001 21,189,530 September 1,455,498 52,422 46,440 102,151 103,586 April 97,677 54,992 35,272 63,105 x97,475 April 98,985 59,015 113,192 105,866 August 99,761 69,192 109,552 115,385 107,128 109,785 115,494 110,009 94,256 August 99,761 69,192 109,552 115,385 107,128	Month	1931	1932	1933	1934	1935
February 1,388,988 1,885,188 1,299,580 1,614,425 1,803,446 March 1,417,558 1,888,697 1,571,060 1,797,354 1,943,554 March 1,411,090 1,529,499 1,296,805 1,697,909 1,881,028 May 1,555,786 1,271,015 1,249,462 1,863,820 1,923,071 July 1,251,825 1,155,591 1,449,642 1,665,752 9,565,841 July 1,251,825 1,155,591 1,449,657 1,621,514 August 1,256,149 1,250,220 1,508,216 1,676,865 September 1,289,413 1,279,140 1,489,522 1,670,805 September 1,283,413 1,279,140 1,489,322 1,627,289 Cotober 1,428,442 1,590,144 1,617,608 1,853,226 November 1,445,080 1,440,227 1,702,363 1,965,512 December 1,485,182 1,440,227 1,702,363 1,965,512 December 1,485,182 1,485,191 1,707,2826 2,282,2940 TOTAL 16,383,400 15,862,987 17,553,001 21,189,530 September 1,455,498 52,422 46,440 102,151 103,586 April 97,677 54,992 35,272 63,105 x97,475 April 98,985 59,015 113,192 105,866 August 99,761 69,192 109,552 115,385 107,128 109,785 115,494 110,009 94,256 August 99,761 69,192 109,552 115,385 107,128	*	7 400 707	7 /17 918	1 396 661	1 725 264	2.012.742
March 1,417,558 1,383,607 1,371,060 1,797,534 1,948,554 April 1,411,090 1,323,489 1,298,605 1,697,909 1,881,028 May 1,555,786 1,271,015 1,349,942 1,850,820 1,923,071 Nue 1,289,828 1,196,282 1,709,001 1,706,652 1,192,928 1,196,282 1,709,001 1,706,652 1,192,192 1,250,220 1,508,216 1,676,652 1,192,192 1,250,220 1,508,216 1,676,655 1,627,289 020 1,284,13 1,279,140 1,489,522 1,627,289 020 020 020 1,428,542 1,590,144 1,617,608 1,853,226 020 020 020 020 1,428,542 1,590,144 1,617,608 1,853,226 1,627,289 020 020 020 1,442,657 1,622,512 020 020 020 1,442,657 1,622,512 020 020 020 1,442,627 1,702,363 1,955,512 020 020 020 1,442,627 1,702,363 1,955,512 020 020 020 1,442,627 1,702,363 1,955,512 020 020 020 020 020 020 020 020 020 0					-	
April 1,411,000 1,329,489 1,296,805 1,697,909 1,881,028 May 1,365,788 1,271,015 1,349,342 1,830,820 1,923,071 Sub Total 7,022,143 6,728,252 6,714,048 8,663,752 9,563,841 June 1,289,828 1,199,232 1,770,901 1,706,632 June 1,281,328 1,155,561 1,42,657 1,621,514 August 1,256,149 1,230,220 1,503,216 1,676,865 September 1,288,413 1,279,140 1,489,522 1,627,289 October 1,428,432 1,390,144 1,617,609 1,853,226 November 1,415,020 1,446,227 1,702,363 1,965,512 December 1,432,182 1,433,191 1,707,866 2,052,940 TOTAL 16,383,400 15,862,987 17,553,001 21,159,530     BYPORTS TO THE UNITED STATES     January 162,443 61,767 48,018 100,485 115,878 Pebruary 145,498 52,422 46,440 102,151 109,524 March 127,985 55,414 45,345 112,115 103,956 April 97,677 56,982 35,272 63,105 x97,476 May 86,824 51,354 42,874 111,000 39,255 Sub Total 620,422 275,939 217,364 483,565 519,089 June 88,602 64,664 86,673 113,640 July 95,085 559,015 119,192 105,366 August 99,781 69,192 109,382 115,988 September 93,288 71,350 122,907 107,114 October 95,425 50,787 127,243 107,122 November 73,357 35,023 106,457 99,714 November 73,357 35,023 106,457 99,714 November 73,357 35,035 106,457 99,714 November 73,357 35,037 902,740 1,062,447 1,225,962 1,357,944 May 1,125,041 999,739 1,066,634 1,172,799 March 1,143,625 1,094,779 1,002,4147 1,252,827 1,357,708 May 1,122,904 1,125,041 999,739 1,024,147 1,252,827 1,357,708 March 1,143,625 1,094,779 1,004,477 1,225,862 1,357,918 March 1,143,625 1,094,779 1,004,147 1,252,827 1,357,708 March 1,143,625 1,094,779 1,004,430 1,117,885 1,192,685 0,000,774 1,006,634 1,172,799 1,110,110 1,110 1,110	1					
Name						
Sub Total   7,022,143						
June 1,289,528 1,198,282 1,570,901 1,706,632 July 1,251,523 1,155,861 1,442,657 1,621,314 August 1,256,149 1,250,220 1,508,216 1,676,865 September 1,288,413 1,279,140 1,489,322 1,627,289 October 1,428,542 1,390,144 1,617,608 1,855,226 November 1,415,020 1,448,227 1,702,365 1,955,512 December 1,482,182 1,390,144 1,617,608 2,952,340  TOTAL 16,383,400 15,862,987 17,553,001 21,159,530  EXPORTS TO THE UNITED STATES  January 145,498 52,422 46,440 102,151 109,524 March 127,985 65,414 45,343 112,115 103,566 April 97,677 54,982 35,272 63,105 x 97,475 Sub Total 620,427 275,359 217,947 488,856 519,089 June 88,602 44,51,554 42,874 111,000 94,256 August 99,761 68,192 109,592 115,988 September 95,288 71,500 122,907 107,114 October 95,243 50,737 127,245 107,122 November 73,357 35,023 106,457 99,714 December 69,562 41,610 99,865 110,508 March 1,145,285 1,094,779 1,024,447 1,225,962 1,373,018 TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS January 1,179,856 1,130,430 1,062,447 1,225,962 1,373,018 March 1,142,294 1,016,348 970,017 1,160,066 x1,224,574 March 1,142,293 1,066,607 960,342 1,127,664 1,222,559 March 1,142,293 1,066,607 960,342 1,127,664 1,222,559 March 1,142,293 1,066,607 960,342 1,127,664 1,222,559 March 1,125,041 999,749 1,024,447 1,252,962 1,373,018 Sub Total 5,623,703 5,297,913 5,040,352 6,027,697 6,579,137 June 1,052,897 1,056,607 960,342 1,127,664 1,222,559 March 1,125,041 999,749 1,024,447 1,252,962 1,373,018 January 1,179,856 1,130,430 1,062,447 1,252,962 1,373,018 March 1,142,294 1,016,348 970,017 1,160,066 x1,224,579 March 1,142,294 1,016,348 970,017 1,160,066 x1,224,579 March 1,122,294 1,016,348 970,017 1,160,066 x1,224,579 March 1,125,041 999,749 1,024,447 1,252,695 6,579,137 June 1,072,993 932,648 1,019,002 1,1176,141 July 1,030,037 902,740 1,056,684 1,117,769 June 1,072,993 932,648 1,019,002 1,1176,141 July 1,030,037 902,740 1,056,684 1,127,695 October 1,148,387 1,060,554 1,198,700 1,315,637 December 1,168,705 1,009,017 1,266,780 1,315,637 December 1,168,	-					
July						3,000,041
Angust 1,286,149 1,280,220 1,508,216 1,676,865 September 1,288,413 1,279,140 1,489,322 1,627,289 October 1,428,542 1,590,144 1,617,608 1,853,228 November 1,415,020 1,449,227 1,702,368 1,953,512 December 1,432,182 1,433,191 1,707,886 2,052,940  TOTAL 16,383,400 15,862,987 17,553,001 21,159,530  EXPORTS TO THE UNITED STATES  January 162,443 5,767 48,018 100,485 113,378 Pebruary 145,498 52,422 46,440 102,151 109,524 March 127,985 55,414 45,348 112,115 103,956 April 97,677 54,992 35,272 63,105 x97,476 May 86,824 51,384 42,874 111,000 94,258 Sub Total 620,427 225,959 217,347 488,856 519,089 June 88,602 64,664 86,673 113,640 July 95,085 58,015 119,192 105,966 August 99,781 69,192 109,592 115,988 September 93,288 77,500 122,907 107,114 October 98,423 50,757 127,245 107,122 November 73,557 35,023 106,457 99,714 December 69,362 41,610 99,355 110,508  TOTAL 1,255,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS January 1,178,586 1,130,430 1,062,447 1,252,962 1,252,569 March 1,143,625 1,094,779 1,024,147 1,252,962 1,252,579 May 1,125,041 999,749 1,024,147 1,252,962 1,252,579 May 1,125,041 999,749 1,024,147 1,252,967 1,357,778 May 1,125,041 999,749 1,024,147 1,252,967 1,353,338 Sub Total 5,623,703 5,297,913 5,040,332 6,027,997 6,579,137 June 1,072,993 932,648 1,019,092 1,176,141 July 1,039,037 900,920 1,117,933 1,192,995 October 1,148,367 990,920 1,117,933 1,192,995 October 1,148,367 1,066,554 1,199,707 September 1,066,277 990,920 1,117,933 1,192,995 October 1,148,367 1,066,554 1,199,707 September 1,068,277 990,920 1,117,933 1,192,995 October 1,148,367 1,066,554 1,199,707 September 1,068,277 990,920 1,117,933 1,192,965 October 1,148,367 1,066,554 1,199,700 1,315,037 October 1,148,367 1,066,554 1,199,700 1,315,033						
September						
October         1,428,342         1,390,144         1,617,608         1,953,226         1,953,226         1,965,512         1,260,002         1,448,227         1,702,363         1,953,512         1,252,940           TOTAL         16,383,400         15,862,987         17,555,001         21,159,550         2,052,940           EXPORTS TO THE UNITED STATES           EXPORTS TO THE UNITED STATES           Jamuary         168,443         61,767         48,018         100,485         113,878           February         145,498         52,422         46,440         102,151         109,524           March         127,985         55,414         45,343         112,115         103,956           April         97,677         54,982         35,272         63,105         x 97,475           May         86,824         51,554         42,874         111,000         94,256           Sub Total         620,427         275,933         217,947         488,856         519,039           June         88,602         64,864         86,6753         113,640         113,192         105,986         119,03,982         115,988         519,089         115,988         519,089         115,988         529,						
November	-					
December						
TOTAL   16,383,400   15,862,987   17,553,001   21,159,530						
SET   TO THE UNITED STATES   January   1.62,443   61,767   48,018   100,485   113,878	December	1,432,182	1,433,191	1,707,886	2,052,940	
January	TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
February         145,498         52,422         46,440         102,151         109,524           March         127,985         55,414         45,843         112,115         103,956           April         97,677         54,982         35,272         63,105         x 97,475           May         86,824         51,354         42,874         111,000         94,256           Sub Total         620,42?         2°5,939         217,94°         488,856         519,089           June         88,602         64,864         86,673         113,640           July         95,085         59,015         119,192         105,866           August         99,781         60,192         109,592         115,988           September         93,288         71,500         122,90°         107,114           October         95,423         50,73°         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,225,962         1,373,019           February         1,052,8			EXPORTS TO THE	UNITED STATES		
February         145,498         52,422         46,440         102,151         109,524           March         127,985         55,414         45,843         112,115         103,956           April         97,677         54,982         35,272         63,105         x 97,475           May         86,824         51,354         42,874         111,000         94,256           Sub Total         620,42?         2°5,939         217,94°         488,856         519,089           June         88,602         64,864         86,673         113,640           July         95,085         59,015         119,192         105,866           August         99,781         60,192         109,592         115,988           September         93,288         71,500         122,90°         107,114           October         95,423         50,73°         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,225,962         1,373,019           February         1,052,8	January	162.443	61.767	48.018	100,485	113,878
March 127,985 55,414 45,343 112,115 103,956 April 97,677 54,982 35,272 63,105 x 97,475 May 86,524 51,354 42,874 111,000 94,256 Sub Total 620,427 275,939 217,947 488,856 519,089 June 88,602 64,864 86,673 113,640 July 95,085 59,015 119,192 105,366 August 99,781 69,192 109,592 115,988 September 93,288 71,500 122,907 107,114 October 95,423 50,737 127,243 107,122 November 73,357 35,023 106,457 99,714 December 69,362 41,610 99,353 110,508 TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,179,856 1,130,430 1,062,447 1,225,962 1,275,599 March 1,143,625 1,094,779 1,024,147 1,252,327 1,357,778 April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,024,147 1,252,327 1,357,778 April 1,122,394 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,023,979 1,261,178 1,331,333 Sub Total 5,623,703 5,297,913 5,040,932 6,027,697 6,579,187 June 1,072,893 932,648 1,019,082 1,176,141 July 1,059,037 902,740 1,056,634 1,172,789 August 1,036,736 950,994 1,111,397 1,209,774 September 1,068,277 990,920 1,117,383 1,192,695 October 1,148,387 1,060,554 1,198,720 1,313,033 November 1,132,312 1,123,982 1,204,309 1,315,637 December 1,154,705 1,099,017 1,206,780 1,372,056	-			2		COMPANY OF THE PARTY OF T
April 97,677 54,982 35,272 63,105 x 97,475 May 86,824 51,354 42,874 111,000 94,256 Sub Total 620,427 275,939 217,947 488,856 519,089 June 88,602 64,864 86,673 113,640 July 95,085 59,015 119,192 105,866 August 99,781 69,192 109,592 115,988 September 93,288 71,500 122,907 107,114 October 95,423 50,737 127,243 107,122 November 73,357 35,023 106,457 99,714 December 69,362 41,610 99,355 110,508  TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO FLECTRIC BOILERS  January 1,179,856 1,130,430 1,062,447 1,225,962 1,373,019 February 1,052,887 1,056,607 960,342 1,127,664 1,222,559 March 1,143,625 1,094,779 1,024,147 1,252,827 1,357,778 April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,023,979 1,261,178 1,331,332 Sub Total 5,623,703 5,297,913 5,040,932 6,027,697 6,579,137 June 1,072,893 932,648 1,019,082 1,176,141 July 1,039,037 902,740 1,056,634 1,172,789 August 1,036,736 950,994 1,111,397 1,209,774 September 1,066,277 990,920 1,117,383 1,192,695 October 1,148,387 1,060,554 1,198,720 1,315,033 November 1,132,312 1,123,982 1,204,509 1,315,837 December 1,154,705 1,099,017 1,206,780 1,372,056	_	-				
May         86,824         51,354         42,874         111,000         94,256           Sub Total         620,427         275,939         217,947         488,856         519,089           June         88,602         64,864         86,673         113,640           July         95,085         59,015         119,192         105,866           August         99,781         69,192         109,592         115,988           September         93,288         71,500         122,907         107,114           October         95,423         50,737         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,355         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808     Interpretation of the company of the compa						,
Sub Total         620,42?         275,939         217,947         488,856         519,089           June         88,602         64,864         86,673         113,640           July         95,085         59,015         119,192         105,866           August         99,781         69,192         109,592         115,988           September         93,288         71,500         122,907         107,114           October         95,423         50,737         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,562         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808     OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January  1,179,856  1,130,430  1,062,447  1,225,962  1,122,596  April  1,052,887  1,056,607  960,342  1,127,664  1,227,569  March  1,143,625  1,094,779  1,024,147  1,252,827  1,357,708  April  1,122,944  1,016,348  970,017  1,160,066  x1,224,449  May  1,125,041  999,749  1,023,979  1,261,178  1,361,178  1,331,332  Sub Total  5,623,703  5,297,913  5,040,932  6,027,697  6,579,187  June  1,072,893  932,648  1,013,082  1,176,141  1,072,893  August  1,036,736  950,994  1,111,397  1,209,774  September  1,068,277  990,920  1,117,383  1,192,695  October  1,148,387  1,060,554  1,198,702  1,312,056   1,192,695  October  1,148,787  1,160,606  1,244,705  1,069,574			7	v v	***	
June 88,602 64,864 86,673 113,640  July 95,085 59,015 119,192 105,386  August 99,781 69,192 109,592 115,988  September 93,288 71,500 122,907 107,114  October 95,423 50,737 127,243 107,122  November 73,357 35,023 106,457 99,714  December 69,362 41,610 99,353 110,508  TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,179,856 1,130,430 1,062,447 1,225,962 1,373,019  February 1,052,887 1,056,607 960,342 1,127,664 1,222,559  March 1,143,625 1,094,779 1,024,147 1,252,827 1,357,778  April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449  May 1,25,041 999,749 1,023,979 1,261,178 1,331,332  Sub Total 5,623,703 5,297,913 5,040,932 6,027,697 6,579,137  June 1,072,893 932,648 1,019,082 1,176,141  July 1,039,037 902,740 1,056,634 1,172,789  August 1,056,786 950,994 1,111,397 1,209,774  September 1,068,277 990,920 1,117,383 1,192,695  October 1,148,387 1,060,554 1,198,720 1,313,033  November 1,132,312 1,123,982 1,204,309 1,315,837  December 1,154,705 1,099,017 1,206,780 1,372,056					The state of the s	
July         95,085         59,015         110,192         105,866           August         99,781         69,192         109,592         115,988           September         93,288         71,500         122,907         107,114           October         95,423         50,737         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856         1,130,430         1,062,447         1,225,962         1,373,019           February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,145,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,448           May         1,125,041         999,749         1,023,479         1,261,178         1,351,352           Sub T		the state of the s	THE RESERVE OF THE PROPERTY OF THE PARTY OF	Contraction of the Party of the	CELTRA P. THERE AND A CHARLES	010,000
August 99,781 69,192 109,592 115,988 September 93,288 71,500 122,907 107,114 October 95,425 50,787 127,243 107,122 November 73,357 35,023 106,457 99,714 December 69,362 41,610 99,355 110,508  TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,052,887 1,056,607 960,342 1,127,664 1,222,559 March 1,143,625 1,094,779 1,024,147 1,252,827 1,357,778 April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,023,979 1,261,178 1,331,332 Sub Total 5,623,703 5,297,913 5,040,332 6,027,697 6,579,137 June 1,072,893 932,648 1,019,082 1,176,141 July 1,039,037 902,740 1,056,634 1,172,789 August 1,036,736 950,994 1,111,397 1,209,774 September 1,068,277 990,920 1,117,383 1,192,695 October 1,148,387 1,060,554 1,198,720 1,315,837 December 1,154,705 1,099,017 1,206,780 1,372,056						
September         93,288         71,500         122,907         107,114           October         95,423         50,737         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856         1,130,430         1,062,447         1,225,962         1,2373,019           February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,143,625         1,94,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,1	_					
October         95,423         50,737         127,243         107,122           November         73,357         35,023         106,457         99,714           December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856         1,130,430         1,062,447         1,225,962         1,373,019           February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,143,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141           July         1,039,037         902,740         1,056,634	_		,			
November December         73,357 (99,714 december)         35,023 (106,457 december)         99,353 (10,508 december)           TOTAL         1,235,325         667,880         989,364         1,248,808           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856 (1,130,430)         1,062,447         1,225,962 (1,273,019)           February         1,052,887 (1,056,607)         960,342 (1,127,664)         1,222,559           March         1,143,625 (1,094,779)         1,024,147 (1,252,827)         1,357,778           April         1,122,294 (1,016,348)         970,017 (1,160,066)         x1,294,449           May         1,125,041 (999,749)         1,023,979 (1,261,178)         1,331,332           Sub Total         5,623,703 (5,297,913)         5,040,932 (6,027,697)         6,579,137           June         1,072,893 (92,740)         1,056,634 (1,172,789)         1,176,141           July         1,036,736 (950,994)         1,111,397 (1,209,774)         1,209,774           September         1,068,277 (990,920)         1,117,383 (1,192,695)         1,192,695 (055)           October         1,148,387 (1,060,554)         1,198,720 (1,313,033)         1,315,837 (1,999,017)         1,206,780 (1,372,056)           December         1,154	_					
December         69,362         41,610         99,353         110,508           TOTAL         1,235,325         667,880         989,364         1,248,808           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856         1,130,430         1,062,447         1,225,962         1,273,019           February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,143,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141         1           July         1,039,037         902,740         1,056,634         1,172,789           August         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554				Car organism militario meta-responsa.		
TOTAL 1,235,325 667,880 989,364 1,248,808  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,179,856 1,130,430 1,062,447 1,225,962 1,373,019 February 1,052,887 1,056,607 960,342 1,127,664 1,222,559 March 1,143,625 1,094,779 1,024,147 1,252,827 1,357,778 April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,023,979 1,261,178 1,331,332 Sub Total 5,623,703 5,297,913 5,040,932 6,027,697 6,579,137 June 1,072,893 932,648 1,019,082 1,176,141 July 1,039,037 902,740 1,056,634 1,172,789 August 1,036,736 950,994 1,111,397 1,209,774 September 1,068,277 990,920 1,117,383 1,192,695 October 1,148,387 1,060,554 1,198,720 1,313,033 November 1,132,312 1,123,982 1,204,309 1,315,837 December 1,154,705 1,099,017 1,206,780 1,372,056						
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,179,856         1,130,430         1,062,447         1,225,962         1,373,019           February         1,052,887         1,056,607         960,342         1,127,664         1,22,559           March         1,143,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141         1           July         1,039,037         902,740         1,056,634         1,172,789         August           August         1,036,736         950,994         1,111,397         1,209,774         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,315,033           November         1,154,705				to programme to the control of the c	The control of the co	
January 1,179,856 1,130,430 1,062,447 1,225,962 1,373,019 February 1,052,887 1,056,607 960,342 1,127,664 1,222,559 March 1,143,625 1,094,779 1,024,147 1,252,827 1,357,778 April 1,122,294 1,016,348 970,017 1,160,066 x1,294,449 May 1,125,041 999,749 1,023,979 1,261,178 1,331,332 Sub Total 5,623,703 5,297,913 5,040,932 6,027,697 6,579,137 June 1,072,893 932,648 1,019,082 1,176,141 July 1,039,037 902,740 1,056,634 1,172,789 August 1,036,736 950,994 1,111,397 1,209,774 September 1,068,277 990,920 1,117,383 1,192,695 October 1,148,387 1,060,554 1,198,720 1,313,033 November 1,132,312 1,123,982 1,204,309 1,315,837 December 1,154,705 1,099,017 1,206,780 1,372,056	TOTAL	1,235,325	667,880	989,364	1,248,808	
February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,143,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141           July         1,039,037         902,740         1,056,634         1,172,789           August         1,068,277         990,920         1,111,397         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,313,033           November         1,132,312         1,123,982         1,204,309         1,315,837           December         1,154,705         1,099,017         1,206,780         1,372,056		OUTPUT L	ESS EXPORTS AND	DELIVERIES TO EL	ECTRIC BOILERS	
February         1,052,887         1,056,607         960,342         1,127,664         1,222,559           March         1,143,625         1,094,779         1,024,147         1,252,827         1,357,778           April         1,122,294         1,016,348         970,017         1,160,066         x1,294,449           May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141           July         1,039,037         902,740         1,056,634         1,172,789           August         1,068,277         990,920         1,111,397         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,313,033           November         1,132,312         1,123,982         1,204,309         1,315,837           December         1,154,705         1,099,017         1,206,780         1,372,056	January	1,179,856	1,130,430	1.062.447	1,225,962	1,373,019
March       1,143,625       1,094,779       1,024,147       1,252,827       1,357,778         April       1,122,294       1,016,348       970,017       1,160,066       x1,294,449         May       1,125,041       999,749       1,023,979       1,261,178       1,331,332         Sub Total       5,623,703       5,297,913       5,040,932       6,027,697       6,579,137         June       1,072,893       932,648       1,019,082       1,176,141         July       1,039,037       902,740       1,056,634       1,172,789         August       1,036,736       950,994       1,111,397       1,209,774         September       1,068,277       990,920       1,117,383       1,192,695         October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056	_	and the second s				
April       1,122,294       1,016,348       970,017       1,160,066       x1,294,449         May       1,125,041       999,749       1,023,979       1,261,178       1,331,332         Sub Total       5,623,703       5,297,913       5,040,932       6,027,697       6,579,137         June       1,072,893       932,648       1,019,082       1,176,141         July       1,039,037       902,740       1,056,634       1,172,789         August       1,036,736       950,994       1,111,397       1,209,774         September       1,068,277       990,920       1,117,383       1,192,695         October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056	-				,	
May         1,125,041         999,749         1,023,979         1,261,178         1,331,332           Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141           July         1,039,037         902,740         1,056,634         1,172,789           August         1,036,736         950,994         1,111,397         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,313,033           November         1,132,312         1,123,982         1,204,309         1,315,837           December         1,154,705         1,099,017         1,206,780         1,372,056						
Sub Total         5,623,703         5,297,913         5,040,932         6,027,697         6,579,137           June         1,072,893         932,648         1,019,082         1,176,141           July         1,039,037         902,740         1,056,634         1,172,789           August         1,036,736         950,994         1,111,397         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,313,033           November         1,132,312         1,123,982         1,204,309         1,315,837           December         1,154,705         1,099,017         1,206,780         1,372,056						
June       1,072,893       932,648       1,019,082       1,176,141         July       1,039,037       902,740       1,056,634       1,172,789         August       1,036,736       950,994       1,111,397       1,209,774         September       1,068,277       990,920       1,117,383       1,192,695         October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056	•		The state of the s		Complete Com	
July         1,039,037         902,740         1,056,634         1,172,789           August         1,036,736         950,994         1,111,397         1,209,774           September         1,068,277         990,920         1,117,383         1,192,695           October         1,148,387         1,060,554         1,198,720         1,313,033           November         1,132,312         1,123,982         1,204,309         1,315,837           December         1,154,705         1,099,017         1,206,780         1,372,056		The state of the s		and the state of t		0,0,0,20.
August       1,036,736       950,994       1,111,397       1,209,774         September       1,068,277       990,920       1,117,383       1,192,695         October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056						
September       1,068,277       990,920       1,117,383       1,192,695         October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056	*		2		1	
October       1,148,387       1,060,554       1,198,720       1,313,033         November       1,132,312       1,123,982       1,204,309       1,315,837         December       1,154,705       1,099,017       1,206,780       1,372,056						
November 1,132,312 1,123,982 1,204,309 1,315,837 1,099,017 1,206,780 1,372,056	*				, ,	
December 1,154,705 1,099,017 1,206,780 1,372,056				1 " "		
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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 6.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE, 1935

The output of central electric stations in Canada during June amounted to 1,815,912,000 kilowatt hours, as against 1,708,632,000 kilowatt hours for June last year and 1,923,071,000 kilowatt hours for last May. The index number dropped from 191.74 for May to 190.74.

Exports to the United States increased from 94,256,000 kilowatt hours for May to 107,994,000 kilowatt hours, but were 5,646,000 below the June 1934 exports. Deliveries of secondary power to electric boilers declined from 497,484,000 kilowatt hours in May to 434,319,000 kilowatt hours. The index number for output less exports and deliveries to electric boilers declined from 170.92 for May, the all time peak, to 170.64, the second highest recorded.

	T _ L _ T	Maritime	Oznakao	Ontario	Prairie Provinces	British Columbia
	Total	Provinces	Quebec	Ontario	Frovinces	COLUMDIA
Boots and		M	ONTHLY OUTPUTS			
Conerated b	y Water Power					
Junc, 1935 May. 1935 June, 1934	1,788,045 1,896,121 1,681,967	57,871 57,830 56,933	982,233 1,001,757 963,547	530,315 535,894 468,349	97,157 113,655 78,133	120,469 126,985 114,975
Generated b	y Fuel					
June, 1935 May, 1935 June, 1934	27,367 26,950 26,695	14,664 13,476 14,401	233 231	24 20 10	12,863 13,143 12,221	83 <b>80</b> 63
otal Outpu	<u>t</u>					
June, 1935 May, 1935 June, 1934	1,815,912 1,923,071 1,708,632	72,535 71,306 71,334	982,466 1,061,988 963,547	530,339 535,914 468,359	110,020 126,798 90,354	120,552 127,065 115,038
Total to Da	te					
1935 1934	11,379,753 10,374,384	389,849 365,404	6,151,194 5,480,673	3,301,854 3,096,317	797,022 <b>745,1</b> 86	739,834 686,804
		PROVI	NCIAL CONSUMPTI	ONS1/		
June, 1935 May, 1935 June, 1934	1,707,918 1,828,816 1,594,991	71,625 70,173 70,509	772,606 835,323 745,830	633,151 669,512 573,290	111,311 128,295 91,654	119,225 125,513 113,708
Total to Da	te					
1935 1934	10,752,673 9,771,888	382,197 358,689	4,813,046 4,315,772	4,020,849	805,573 753,388	731,008 678,4 <b>0</b> 2

#### INDEX NUMBERS

	Janu: r,/	February	March	April	May	June
				Commission of Spanishana, editionally comparations and Comparation of Comparations and Comparation of Comparati	and and control of the control of th	TOTAL
1933	132.93	134.68	133.42	131.97	134.59	143,99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.77	186.90	189.13	191.43	191.74	190.74
					OUTPUT LE	SS EXPORTS AND
1933	129.83	128.59	128.07	127.21	131 .6	136 54
1.34	149.81	151.00	156.66	152,13	161 92	1:7.59
1935	167.78	163.70	169.79	169.75	170.93	170.64
1/ Produc	tion plus p	rovincial imp	orts less	provincial exports	3 .	Francisco Company Comp

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGI	E OUTPUTS <sup>2</sup> /		
	59,601 61,165 56,064	1,929 1,866 1,898	32,741 34,250 32,118	17,677 17,287 15,611	3,239 3,666 2,605	4,015 4,096 3,832
	929 869 890	488 434 480	8 7	1 1 1	429 424 407	3 3 2
	60,530 62,034 56,954	2,417 2,300 2,378	32,749 34,257 32,118	17,678 17,288 15,612	3,668 4,090 3,012	4,018 4,099 3,834
	62,872 57,317	2,154 2,019	33,985 30,280	18,242 17,107	4,403 4,117	4,088 3,794
		<b>(</b> 3)	DELIVERIES TO EL	ECTRIC BOILERS	(4)	
4	134,319 197,484 118,850	6,180 5,867 7,030	335,830 378,336 347,731	86,323 96,184 60,697	5,879 16,934 3,259	107 163 133
	399,936 668,050	17,653 15,662	2,159,353 1,928,223	580,893 488,671	140,987 134,537	1,050

(Average, 1926 = 100)

			1~		
July	August	September	October	November	December
0UTPUT 152.17 171.02	156.66 174.18	152.03 166.11	151.51 173.57	160 31 183.96	159.11 191.26
141.74 157.32	146,43 159,30	145, 24 155, 03	143,19 156,85	144.84 158.25	142.73 162.28

<sup>2/</sup> No allowance is made for the effect of notidays, Sundays or Saturdays, etc 4/ Manitoba only.

<sup>3/</sup> New Brunswick only.

		(Thousands of	VITOMS of Hours		
Month	1931	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
February		1,388,697	1,371,060	1,797,334	1,943,554
March	1,417,558	1,329,489	1,296,805	1,697,909	1,881,028
April	1,411,090	1, 27, 015	1,349,942	1,830,820	1,923,071
May	1,005,750		1,870,901	1,708,632	1,815,912
June	1,289,828	1,198,232 7,926,434	8,084,949	10,374,384	11,379,753
Sub Total	8,311,971	Contramerage - objections of the contract of the contract of	1,442,657	1,621,314	A STATE OF THE STA
July	1,251,323	1,155,581	1,508,216	1,676,865	
August	1,256,149	1,230,220	1,489,322	1,627,289	
September	1,288,413	1,279,140	1,617,608	1,853,226	
October	1,428,342	1,390,144	-	1,953,512	1
November	1,415,020	1,448,227	1,702,363	2,052,940	
December	1,432,182	1,433,191	1,707,886		water that it is found than the figure opposition globs down when the co
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
		EXPORTS TO	THE UNITED STATES		
January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
Sub Total	709,029	340,803	304,620	602,496	627,083
July	95,085	59,615	119,192	105,866	
August	99,781	69,192	109,592	115,988	
September	93,288	73,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
TOTAL	19200,020	007,000	303,004	1,240,000	
	OUTPUT	LESS E PORTS AN	D DELIVERIES TO 1	ELECTRIC BOILERS	
January	1,179,856	1,150,430	1,062,447	1,225,962	1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
April	1,122,294	1,016,348	970,017	1,160,066	1,294,449
May	1,125,041	999,749	1,023,979	1,261,178	1,331,332
une	1,072,893	932,648	1,019,082	1,176,141	1,273,599
Sub Total	6,696,596	6, 2, 30, 561.	6,060,014	7,203,838	7,852,736
July	1,039,037	902,740	1,056,634	1,171,789	and the second s
August	1,036,736	950,994	1,111,397	1,309,774	
September	1,063,277	990,920	1,117,383	1,192,695	
October	1, 148, 387	1,060,554	1,198,720	1,313,033	
November	1,1,2,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	
The section of the second section of the section of the second section of the section o	and the second section of the section of t				

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## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA - CANADA

No. 7.

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch: G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JULY, 1935

Central electric stations in Canada produced 1,790,546,000 kilowatt hours during July as against 1,621,314,000 kilowatt hours in July, 1934, an increase of 10.4 per cent, and the index number dropped from 190.74 for June to 188.87.

Exports to the United States declined from 107,994,000 kilowatt hours for June and 105,866,000 kilowatt hours for July last year to 93,347,000 kilowatt hours.

Deliveries to electric boilers at 411,362,000 kilowatt hours were 5 per cent less than for June but 20 per cent above July, 1934, deliveries.

The index number for the Canadian consumption of firm power or total output less exports to the United States and deliveries to electric boilers reached a new high point at 172.48 as against 157.32 for July, 1934 and 170.92 for May, 1935, the previous peak.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			MONTHLY OUTPU	<u>ITS</u>		
Generated by	Water Power					
July, 1935 June, 1935 July, 1934	1,761,750 1,788,045 1,594,728	56,564 57,871 56,226	977,608 932,237 904,257	500,236 530,315 434,224	102,789 97,157 81,788	124,55 120,46 118,23
Generated by	Fuel					
July, 1935 June, 1935 July, 1935	28,796 27,867 26,586	15,467 14,664 14,008	265 233	36 24 25	12,936 12,863 12,474	9 8 7
Total Output						
July, 1935 June, 1935 July, 1934	1,790,546 1,815,912 1,621,314	72,031 72,535 70,234	977,873 982,466 904,257	500,272 530,339 434,249	115,725 110,020 94,262	124,64 120,55 118,31
Total to Dat	e					
1935 1934	13,170,299 11,995,698	461,380 435,638	7,129,067 6,384,930	3,802,126 3,530,566	912,747 839,448	864,47 805,11
			PROVINCIAL COM	NSUMPTIONS1		
July, 1935 June, 1935 <sup>x</sup> July, 1934	1,697,200 1,707,919 1,515,448	70,773 71,625 69,126	764,166 772,604 <sup>x</sup> 694,288	621,931 633,155 <sup>x</sup> 539,509	117,108 111,311 95,547	123,22 119,22 116,97
Total to Dat	e					
1935 1934	12,449,874 11,278,336	452,970 427,815	5,577,210 5,010,060	4,642,784 4,205,146	922,681 848,935	854,2 795,3
			And the second s		INDEX NU	MBERS

	January	February	March	April	May	June
Control of the Contro				anne Green - ser steen geliegen voor die gevoerde van Alleman, van Alleman voor die gevoer die besteel voor die	agastus algas turinus algas puniligamente un dispensa il litto dell'accesso di Articolori	TOTAL
1933 1934 1935	132.93 164.21 191.77	134.68 167.31 186.90	133,42 174.90 189.13	131.97 172.79 191.43	134.59 182.54 191. <b>7</b> 4	143.99 179.47 190.74
					OUTPUT LES	SS EXPORTS AND
1933	129.83	128.59	128.07	127.21	131.46	136.54
1934 1935	149.81	151.00 163.70	156.66 169.79	152,13 169.75	161.92 170.92	157.59 170.64

L/ Production | Ls provincial imports less provincial ports.

x Revised

	Maritime	term et en 1800 de 180	Euror M. (PO) PRESSONEENE Euro Derros Estado y Lagrago (Pour Appendique)	Prairie	British
Total	Provinces	Quebec	Ontario	Provinces	Columbia
		DAILY AVERAGE	OUTPUTS <sup>2</sup> /		
56,831 59,601 51,443	1,825 1,929 1,814	31,536 32,741 29,170	16,136 17,677 14,007	3,316 3,239 2,638	4,018 4,015 3,814
928 929 857	499 488 452	8 8 •••	1 1	417 429 402	3 3 2
57,759 60,530 52,300	2,324 2,417 2,266	31,544 32,749 29,170	16,137 17,678 14,008	3,733 3,668 3,040	4,021 4,018 3,816
62,124 56,583	2,179 2,055	33,628 30,117	17,935 16,653	<b>4,</b> 305 <b>3,</b> 960 .	4,078 3,798
		VERIES TO ELEC	TRIC BOILERS		
411,362 434,319 342,658	(3) 5,642 6,180 7,152	305,982 335,830 280,670	84,767 86,323 51,581	(4) 14,645 5,879 3,114	326 107 141
3,311,298 2,910,708	23,295 22,814	2,465,335 2,208,893	. 665,660 540,252	155,632 137,651	1,376 1,098
	(Average,	1926 = 100)			
July	August	September	October	November	December
OUTPUT					
152.17 171.02 188.87	156.66 174.18	152.03 166.11	151,51 173,57	160.31 183,96	159.11 191.26
DELIVER	IES TO ELECTE	RIC BOILERS			
141.74 157.32 172.48	146.43 159.39	145.24 155.03	143.19 156.85	144.84 158.25	142.73 162.28

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

<sup>3/</sup> New Brunswick only

Month	1931	1932	1938	1934	1
January	1,488,721	1,413,918	1,396,661	1,725,264	2,01
February	1,338,988	1,325,133	1,299,580	1,614,425	1,80
March	1,417,558	1,388,697	1,371,060	1,797,334	1,94
April	1,411,090	1,329,489	1,296,805	1,697,909	1,88
May	1,365,786	1,271,015	1,349,942	1,830,820	1,92
June	1,289,828	1,198,232	1,370,901	1,708,632	1,81
July	1,251,323	1,155,581	1,442,657	1,621,314	1,79
Sub Total	9,565,294	9,082,065	9,527,606	11,995,698	13,17
August	1,256,149	1,230,220	1,508,216	1,676,865	
September	1,288,413	1,279,140	1,489,322	1,627,289	
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,863	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	symmetric secundaries and a 1000
A serious a serious serious serious	TOSMERNE TO VERY OUT ON EAST THE ME WHITE MERCHANISM IN	EXPORTS TO	THE UNITED STAT	PES	
January	1.62,443	. 61,767	48,018	100,485	11
February	145,498	52,422	46,440	102,151	10
March	127,985	55,414	45,343	112,115	10
April	97,677	54,982	35,272	63,105	5
May	86,824	51,354	42,874	111,000	9
June	88,602	64,864	86,673	113,640	10
July	95,085	59,015	119,192	105,866	S
Sub Total	804,114	399,818	423,812	708,362	72
August	99,781	69,192	109,592	115,988	
September	93,288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	mbranica i vi por i i i por i tipa zi i pribrimati por i mastro interferentestato i i i materialization del materialization de	667,880	939,364	1,248,808	Will the the Sandah of the Sandah
TOTAL	1,235,325	and the special and the second proportion of the second of	and the second s	ELECTRIC BOILE	DC
	Chelinians profite profitements a regime	indicaling ( ) resulting in a 1 major of the control of the contro		ermentaliging for the property rights are taken a grader the extent taken taken to the taken garden a seen	and Charles
January	1,179,856	1,130,430	1,062,447	1,225,962	1,37
February	1,052,887	1,056,607	960,342	1,127,664	1,22
March	1,143,625	1,094,779	1,024,147	1,252,827	1,35
April	1,122,294	1,016,348	970,017	1,160,066	1,29
May	1,125,041	999,749	1,023,979	1,261,178	1,33
June	1,072,893	932,648	1,019,082	1,176,141	1,27
July	1,030,037	902,740	1,056,634	1,172,799	1,28
Sub Total	7,735,633	7,133,301	7,116,648	8,376,627	9,13
August	1,036,736	950,994	1,111,397	1,209,774	
September	1,068,277	990,920	1,117,383	1,192,695	
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	
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## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 8

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### AUGUST, 1935

Central electric stations in Canada produced 1,851,130,000 kilowatt hours during August, as against 1,676,865,000 kilowatt hours in August 1934 and 1,791,544,000 kilowatt hours in July 1935. The index number increased from 188.98 for July to 192.28, a new all time record.

Exports to the United States at 130,301,000 kilowatt hours were the heaviest since February, 1931, and were 12.3 per cent over the August 1934 exports.

Deliveries to electric boilers were lighter than in July, but increased from 351,103,000 kilowatt hours in August last year to 401,481,000 kilowatt hours.

The index number of firm power consumption in Canada increased from 172.62, the previous peak made in July, to a new record at 173.83.

		(Thousand	ds of Kilowatt	Hours)		
:	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	10000		THLY OUTPUTS			
Generated b	y Water Power	, and the state of				
Aug 1935 July, 1935 Aug 1934	1,820,869 x1,762,748 1,648,226	49,761 56,564 50,168	1,003,760 x979,105 910,807	529,592 ×499,736 472,388	107,891 102,789 92,878	129,865 124,553 121,985
Generated b	y Fuel					
Aug. 1935 July, 1935 S. 1934	30,261 28,796 28,640	15,680 15,467 14,827	283 265	46 36 28	14,154 12,936 13,704	92
"otal Outpu	t					
4 · g. 1935 Caly, 1935 Aug. 1934	1,851,130 x1,791,543 1,676,866	65,441 72,031 64,995	1,004,043 x 979,370 910,807	529,638 x499,772 472,416	122,045 115,725 106,582	124,645
Total to Da	<u>ite</u>					
9 <b>35</b> 9 <b>34</b>	15,022,764 13,672,563	527,659 500,633	8,134,607 7,295,737	4,331,264 4,002,982		
۸		PROVIN	CIAL CONSUMPTI	CONS 1/		
4 5 1935 Ly, 1935 g. 1934		64,160 70,773 63,864	766,750 x765,661 708,761	637,958 x621,431 559,645	117,108	123,222
Total to D	ate_					
1935 19 <b>34</b>	14,172,035 12,848,213	517,467 491,679	6,345,455 5,718,821	5,280,242 4,764, <b>7</b> 91	1,046,299	
						INDEX NUMBER
e construit (fillion) d'ambient de green que dissert de green de servicion de green de servicion de green de s	January	February	March	April	May	June
						TOTA
1933 1934 19 <b>35</b>	132.93 164.21 191.77	134.68 167.31 186.90	133.42 174.90 189.13	131.97 172.79 191.43	134.59 182.54 191.74	143.99 179.47 190.74
					OUTPUT	LESS EXPORTS A
L933	129.83	128.59	128.07	127.21	131.46	136.54 157.59

152.13

x168.65

161.92

x168.74

157.59

x169.93

156.66

169.79

151.00

x162.59

x Revised.

1934

1935

149.81

x166.60

<sup>1/</sup> Production plus provincial imports less provincial exports.

 investigation have an experience of the angle of the same and		Andrew Control of the			
Total	Maritime			Prairie	British
 10041	Provinces	Quebec	Ontario	Provinces	Columbia
		DAILY AVERAGE (	OUTPUTS <sup>2</sup> /		
58,738	1,605	32,379	17,084	3,480	4,189
x56,863	1,825	x31,584	x16,121	3,316	4,018
53,188	1,619	29,380	15,238	2,996	3,935
•					
976	506	9	I	457	3
928 924	499 <b>478</b>	8	1	417	3
224	410	* * *	1	442	√*·· 3
59,714	0 777	70 700	7.7.00.5		
x57,792	2,111 2,324	32,388 31,544	17,085 16,137	3,936	4,192
54,092	2,097	29,380	15,239	3,733 3,438	4,021 3,938
·			,	0,100	,,,,,
61,822	2,171	77 A7E	10001	# 0F0	4 000
56,266	2,060	33,475 30,024	17,824	<b>4,</b> 258 <b>3,893</b>	4,092 3,816
,,,,,,,	,,,,,,,	00,001	. 10,110	0,000	0,010
	(3) DELI	VERIES TO ELECTR	IC BOILERS	(4)	
401,481	1,892	299,914	88,434	(4) 10,903	338
x417,552	5,642	305,982	x90,957	14,645	326
351,103	3,267	279,653	64,622	3,423	138
					with the control of t
3,773,562	25,187	2,765,249	814,877	166,535	1,714
3,261,811	26,081	2,488,546	604,874	141,074	1,236

(Average, 1926 = 100)

	July	August	September	October	November	December
OU	TPUT					
:	152.17 171.02 x188.98	156.66 174.18 192.28	152.03 166.11	151.51 173.57	160.31 183.96	159.11 191.26
DE	LIVERIES TO	ELECTRIC BOI	LERS_			
	141.74 157.32 x172.62	146.43 159.39 173.83	145.24 155.03	143.19 156.85	144.84 158.25	1 <b>4</b> 2.73 162.28

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

		O damadarii.)	1 MIIOWAGO NOC.		
Month	1931.	1932	1933	1934	1935
January	1,488,721	1,413,918	1,396,661	1,725,264	2,012,742
February	1,338,988	1,325,133	1,299,580	1,614,425	1,803,446
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
7-8	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
May		1,198,232	1,370,901	1,708,632	x1,816,250
June	1,289,828	1,155,581	1,442,657	1,621,314	x1,791,543
July	1,251,323	1,230,220	1,508,216	1,676,865	1,851,130
August	1,256,149	10,312,285	11,035,822	13,672,563	15,022,764
Sub total	10,819,443		1,489,322	1,627,289	10,000,101
September	1,288,413	1,279,140		1,853,226	
October	1,428,342	1,390,144	1,617,608		
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
		EXPORTS TO	THE UNITED STA	TES	
January	162,443	61,767	.48,01.8	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
_	88,602	64,864	86,673	113,640	107,994
June	_	59,015	119,192	105,866	x93,348
July	95,085		109,592	115,988	130,301
August	99,781	69,192	appropriate the second		830,731
Sub total	903,895	469,010	533,404	924, 350	890,191
September	93, 288	71,500	122,907	107,114	
October	95,423	50,737	127,243	107,122	:
November	73,357	35,023	106,457	99,714	
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
Total vell and vell a	OUTPUT I	ESS EXPORTS AN	D DELIVERIES TO	ELECTRIC BOIL	ERS
Tr'	3 370 050	7 770 470	7 000 447	3 805 069	3 272 030
January	1,179,856	1,130,430	1,062,447	1,225,962	1,373,019
February	1,052,887	1,056,607	960,342	1,127,664	1,222,559
March	1,143,625	1,094,779	1,024,147	1,252,827	1,357,778
April	1,122,294	1,016,348	970,017	1,160,066	1,294,449
May	1,125,041	999,749	1,023,979	1,261,178	1,331,332
June	1,072,893	932,648	1,019,082	1,176,141	1,273,599
July	1,039,037	902,740	1,056,634	1,172,789	x1,280,643
August	1,036,736	950,994	1,111,397	1,209,774	1,319,349
Sub total	8,772,369	8,084,295	8,228,045	9,586,401	10,452,728
September	1,068,277	990,920	1,117,383	1,192,695	i
October	1,148,387	1,,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	Annual Control of the
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	
			Control of the Contro		

#### 5.

## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 9

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### SEPTEMBER, 1935

Central electric stations in Canada produced 1,919,214,000 kilowatt hours during September, which was by far the largest September output on record, and the index number adjusted for seasonal variations reached a new high point of 195.91; the previous record was 192.28 made in August.

Compared with 1934 records, the total output increased by 17.9 per cent, or 291,925,000 kilowatt hours. This increase was made up of increases in exports to the United States of 35,061,000 kilowatt hours, or from 107,114,000 to 142,175,000 kilowatt hours, in deliveries to electric boilers of 116,986,000 kilowatt hours or from 327,480,000 to 444,466,000 kilowatt hours, and in lighting and power consumptions and line losses of 139,878,000 kilowatt hours, or from 1,192,695,000 to 1,332,573,000 kilowatt hours. This last, which for the sake of brevity we call the consumption of firm power in Canada, was an increase of 11.7 per cent and in a general way it indicates the relative industrial activity in Canada. The index number was slightly lower than the peak made in August, declining from 173.83 to 173.21; the fifth Sunday in September would have a lowering effect.

The consumption of firm power in Quebec increased from 403,020,000 to 468,922,000 kilowatt hours, or 16.3 per cent, in Ontario from 504,218,000 to 561,190,000 kilowatt hours, or 11.3 per cent, in the Maritime Provinces from 53,548,000 to 57,706,000 kilowatt hours, or 7.8 per cent, in the Prairie Provinces from 110,910,000 to 119,570,000 kilowatt hours, or 7.8 per cent, and in British Columbia from 120,999,000 to 125,185,000 kilowatt hours, or 3.5 per cent.

21/10/35

		* ***	The state of the s	man are residence of the second and		Draitich
		Maritime	Quebec	Ontario	Prairie Provinces	British Columbia
		Provinces	Guenec	VIA VOLT ALV	and the second s	
	,	MC	NTHLY OUTPUTS	The state of the s		
Cemion 51 et by	The subjection		db y		E de la companya de l	
Jan Lilan		12,142	1,045,369	546,865 <b>x</b> 529,590	124,220 107,891	127,117 129,865
M 3 1950 ;		49,761	x1,003,785 852,256	472,978	109,400	122,112
Union to Li		, , , , , , , , , , , , , , , , , , ,	1			
Districted in	11.1	15,963	263	38	14,849	88
Aug 1998 -	50,261 50,000	15,680	283	46 30	14,154	98 93
Total Output					SCATT COMMUNICATION	
Isolal Carpa				F40 007	770 000	197 905
Sept. 1935	1,919,214	60,405 65,441	1,045,632 x1,004,068	546,903 x529,636	139,069	127,205 129,963
Aug. 1935 Sept. 1934	x1,851,153 1,627,289	55,960	852,236	473,008	123,880	122,205
Total to Da	te			The second secon		Colorina annualizadora
1935	16,942,001	588,064	9,180,264	4,878,165	1,173,861	1,121,647
1934	15,299,852	556,593	8,147,973	4,475,990	1,069,909	1,049,387
		PROVI	NCIAL CONSUMPT	TONS1/		
Sept. 1935	1,777,039	59,1.25	801,004	650,675	140,719	125,516
1 us. 1985	X1,720,848	3 × , 160	₹76€,772	x637,955	123,618	128,343
Sept. 1934	1,520,175	54,865-	646,469	572,792	124,918	121,131
Total to Da	te					
1385	15,949,093	576,592	7,146,481	5,930,914	1,187,018	1,108,088
934	14,363,388	346,544	6,365,290	5,337,583	1,081,755	1,037,216
y	Supervise strates as a service of the	and provide the second section of	A of a defended and all properties and an experience of the second participation of th	A starting - All married of high , Till purity, All the started and the sale of the sale o		THIDEY NIME

INDEX NUMB June April May March January February TO 143.99 134,68 133.42 131.97 134.59 132.93 1933 174.90 182.54 179.47 172.79 164.21 167.31 1934 191.74 x190.77 189.13 191.43 x191.57 186.90 1935 OUTPUT LESS EXPORTS 136.54 128,07 127.21 131.46 129,83 128.59 1933 157.59 161.92 149.81 151.00 156.66 152.13 1934 x169.04 x169.88 x162.57 x168.63 x168.71 x166,58

x Revised.

<sup>1/</sup> Production plus provincial imports less provincial exports.

 Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	,		
CO 074	7. 407				
62,934 58,738 53,243	1,481 1,605 1,352	34,846 x32,380 28,409	18,229 17,084 15,766	4,141 3,480 3,647	4,237 4,189 4,070
			20,.00		1,010
1,040 976	532 506	9	1	495 457	3 3
1,000	513	e 6	1	483	3
63,974	2,013	34,855	18,230	4,636	4,240
59,714 54,243	2,111 1,865	x32,389 28,408	17,085 15,767	x3,937 4,130	4,192 4,073
62,059 56,043	2,154 2,039	33,627 29,846	17,869 <b>1</b> 6,395	4,300 3,919	4,109 3,844
	(3) DEL	IVERIES TO ELECT	TRIC BOILERS	(4)	
444,466	1,419 1,892	332 <b>,0</b> 82 299 <b>,</b> 914	89,485 88,434	21,149	331 338
327,480	1,317	243,449	68,574	14,003	132
4,213,111	26,606	3,097,331	898,069	187,684	3,421
3,589,291	27,398	2,731,995	673,448	155,082	1,368
(Average, 1926 =	= 100)				

	July August		September	October	November	December		
_	OUTPUT							
	152.17 171.02 188.98	156,66 174,13 192,28	152.03 166.11 <u>195.91</u>	151.51 173.57	160.31 183.96	159.11 191.26		
-	DELIVERIES TO E	LECTRIC BOILERS	anne.					
	141 .74 157 .32 172 .62	146 45 159 39 175 33	145.24 155.03 173.21	143.19 156,85	144.8 <b>4</b> 158.25	142.73 162.28		

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only. 4/ Manitoba only.

		`			
Month	1931	1932	1933	1934	1935
6 42/2 per Sylveritement or separate derivative region of the separate of the			7 700 007	7 795 964	2,012,742
January	1,488,721	1,413,918	1,396,661	1,725,264	1,803,446
February	1,338,988	1,325,133	1,299,580	1,614,425	
March	1,417,558	1,388,697	1,371,060	1,797,334	1,943,554
April	1,411,090	1,329,489	1,296,805	1,697,909	1,881,028
May	1,365,786	1,271,015	1,349,942	1,830,820	1,923,071
June	1,289,828	1,198,232	1,370,901	1,708,632	1,816,250
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543
August	1,256,149	1,230,220	1,508,216	1,676,865	x1,851,153
September	1,288,413	1,279,140	1,439,322	1,627,289	1,919,214
Sub total	12,107,856	11,591,425	12,525,144	15,299,852	16,942,001
October	1,428,342	1,390,144	1,617,608	1,853,226	
November	1,415,020	1,448,227	1,702,363	1,953,512	
December	1,432,182	1,433,191	1,707,886	2,052,940	
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	
		TITTO DE EL MO EL	THITMEN CONTROL	7	
		EXPORTS TO TH	E UNITED STATES	2	
January	162,443	61,767	48,018	100,485	113,878
February	145,498	52,422	46,440	102,151	109,524
March	127,985	55,414	45,343	112,115	103,956
April	97,677	54,982	35,272	63,105	97,475
May	86,824	51,354	42,874	111,000	94,256
June	88,602	64,864	86,673	113,640	107,994
July	95,085	59,015	119,192	105,866	93,348
*	99,781	69,192	109,592	115,988	x130,305
August September	93,288	71,500	122,907	107,114	142,175
•	and the same of th		656,311	931,464	992,911
Sub total	997,183	540,510	127,243	107,122	0023022
October	95,423	50,737	Designation of the second second	99,714	
November	73,357	35,023	106,457		
December	69,362	41,610	99,353	110,508	
TOTAL	1,235,325	667,880	989,364	1,248,808	
	OUTPUT I	LESS EXPORTS AN	D DELIVERIES TO	ELECTRIC BOILE	RS
Toningr	1,179,856	1,130,430	1,062,447	1,225,962	x1,363,198
January	1,052,887	1,056,607	960,342	1,127,664	x1,214,082
February	, ,	1,094,779	1,024,147	1,252,827	x1,348,493
March	1,143,625		970,017	1,160,066	x1,286,532
April	1,122,294	1,016,348		1,261,178	x1,323,255
May	1,125,041	999,749	1,023,979	1,176,141	x1,261,648
une	1,072,893	932,648	1,019,082		x1,286,833
uly	1,039,037	902,740	1,056,634	1,172,789	
ugust	1,036,736	950,994	1,111,397	1,209,774	x1,319,367
eptember	1,068,277	990,920	1,117,383	1,192,695	1,332,573
Sub total	9,840,646	9,075,215	9,345,428	10,779,096	11,735,981
October	1,148,387	1,060,554	1,198,720	1,313,033	
November	1,132,312	1,123,982	1,204,309	1,315,837	
December	1,154,705	1,099,017	1,206,780	1,372,056	
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022	
of the second se					

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## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 10

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1935

Canadian central electric stations continued to establish new high records by producing 2,162,569,000 kilowatt hours in October. This was not only the largest quantity produced in any month but, after adjusting for the unequal number of days in the months and the seasonal variations, the index number also reached a new high at 202,55 which was 6.64 points above the previous record made in September.

The exports to the United States increased from 142,177,000 kilowatt hours in September and 107,122,000 kilowatt hours in October last year to 146,530,000 kilowatt hours The increase over last year was 63 per cent firm power and 37 per cent surplus power and the additional day about accounted for the increase over September

Deliveries to electric boilers increased from 453,337,000 kilowatt hours in September to 563,108,000 kilowatt hours, in Quebec the increase was from 332,082,000 to 408,208,000 kilowatt hours, or by 23 per cent, and in Ontario from 98,356,000 to 123,301,000 kilowatt hours, or by 25 per cent.

The output less exports to the United States and deliveries to electric boilers, or the consumption of firm power in Canada (including losses), also established a new high record at 1,452,931,000 kilowatt hours and the index number rose from 172.06 for September and 156.85 for October last year to 173.56, an increase of 0.77 points over the index number for August, the previous high point. Quebec province showed the largest increase in consumption of firm power, comparing October with September, with an addition of 63,548,000 kilowatt hours, or 13.5 per cent. In Ontario this consumption increased by 41,452,000 kilowatt hours, or 7.5 per cent. in the Prairie Provinces by 10,171,000 kilowatt hours, or 8.5 per cent, in British Columbia by 8,450,000 kilowatt hours, or 6.7 per cent, and in the Maritime Provinces by 5,610,000 kilowatt hours, or 6.7 per cent.

In 1934 exports from Quebec to Ontario increased from 176,447,000 kilowatt hours in September to 202,539,000 kilowatt hours in October, but this year these exports decreased from 196,092,000 kilowatt hours in September to 185,224,000 kilowatt hours. The Hydro Electric Power Commission of Ontario purchases power from Quebec plants on a horse-power demand basis and resells back to them off peak power on a kilowatt hour basis such kilowatt hours are not included in the exports from Quebec to Ontario

				The second secon	And the second s	
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			MONTHLY OUTPUT	rs		
Generated by	Water Power					
Oct. 1935 Sept. 1935 Oct. 1934	2,122,992 1,888,013 1,821,541	46,811 44,442 48,823	1,176,353 1,045,369 1,009,597	626,559 546,865 516,425	137,698 124,220 122, <b>4</b> 55	135,573 127,11' 124,24
Generated by	The second of th					
Oct. 1935 Sept. 1935 Oct. 1934	39,577 31,201 31,685	17,933 15,963 15,649	280 263	61 38 50	21,149 14,849 15,874	15 8 11
Total Output	t.					
Oct. 1935 Sept. 1935 Oct. 1934	2,162,569 1,919,214 1,853,226	64,7 <b>4</b> 4 60,405 64,472	1,176,633 1,045,632 1,009,597	626,620 546,903 516,475	158,847 139,069 138,329	135,72 127,20 124,35
Total to Da	te					
1935 1934	19,104,570 17,153,078	652,808 621,065	10,356,897 9,157,570	5,504,785 4,992,465	1,332,708	1,257,37
		PR	OVINCIAL CONSUM	IPTIONS1/		
Oct. 1935 Sept. 1935 Oct. 1934	2,016,039 x1,777,037 1,746,105	63,761 59,125 63,231	940,676 x801,002 777,796	717,072 650,675 642,430	160,457 140,719 139,496	134,07
Total to Da	te					
1935 1934	17,965,130 16,114,493	640,353 609,775	8,087,155 7,143,086	6,647,986 5,980,013	1,347,475	1,242,1
						TAIDIN MILIBEE

INDEX NUMB

				,		
According to the control of the process of the control of the cont	January	February	March	April	May	June
						TO'
1933 1934 1935	132.93 164.21 191.57	134.68 167.31 186.90	133 42 174.90 189.13	131.97 172.79 191.43	134.59 182.54 191.74	143.9 179.4 190.7
					OUTPUT LES	S EXPORTS
1933 1934 1935	129.83 149.81 x165.46	128,59 151,00 x161,15	128.07 156.66 x167.17	127.21 152.13 x167.13	131.46 161.92 x168.16	136.5 157.5 x 167.4

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

	Total	Maritime Provinces	Suebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGE OU	A second		
,	68,48 <b>4</b>	1,510	37,947	20,212	4,442	4,373
	62,934	1,481	34,846	18,229	4,141	4,237
	58,760	1,575	32,568	16,659	3,950	<b>4,</b> 008
	1,277 1,040 1,022	579 532 505	9	2 1 2	682 <b>4</b> 95 <b>512</b>	5 3 3
	69,761	2,089	37,956	20,214	5,124	4,378
	63,974	2,013	34,855	18,230	4,636	4,240
	59,782	2,080	32,568	16,661	4,462	4,011
	62,8 <b>4</b> 4	2,147	34,069	18,108	4,384	4,136
	56,425	2,043	30,124	16,423	3,974	3,861
		DELIVER:	IES TO ELECTRIC	BOILERS	<b>(</b> 4)	
	563,108	`445	408,208	123,301	30,716	438
	x453,337	1,419	332,082	x98,356	21,149	331
	433,072	3,159	326,326	83,284	20,151	152
	4,873,674	27,051	3,505,539	1,118,825	218,400	3,859
	4,022,363	30,557	3,058,321	756,732	175,233	1,520

(Average, 1926 = 100)

-						
	July	August	September	October	November	December
1	OUTPUT	Salaharitah deritir. Sitt informasyandaga penggangga pengga pe				
	152.17 171.02 188.98	156.66 174.18 192.28	152.03 166.11 195.91	151.51 173.57 202.55	160.31 183.96	159.11 191.26
	DELIVERIES TO	ELECTRIC BOILERS	2			
	-141.74 157.32 x171.03	146.43 159.39 x172.79	145.24 155.03 x172.06	143.19 156.85 173.56	144.84 158.25	142.73 162.28

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

1933

1935

1934

1932

1931

Month

Monar	1001	The state of the s	The first the state of the stat					
	7 400 797	1,413,918	1,396,661	1,725,264	2,012,742			
January	1,488,721		1,290,580	1,614,425	1,803,446			
February	1,338,988	1,325,133	1,31,060	1,797,334	1,943,554			
March	1,417,558	1,388,697		1,697,909	1,881,028			
April	1,411,090	1,329,489	1,246,805	1,830,820	1,923,071			
May	1,365,786	1,271,015	1.349,942		1,816,250			
Tune	1,289,828	1,198,232	1,370,901	1,708,632				
July	1,251,323	1,155,581	1,442,657	1,621,314	1,791,543			
August	1,256,149	1,230,220	1,502,216	1,676,865	1,851,153			
September	1,288,413	1,279,140	1,489,322	1,627,289	1,919,214			
October	1,428,342	1,390,144	637,608	1,853,226	2,162,569			
Sub Total	13,536,198	12,981,569	4,141,752	17,1.53,078	19,104,570			
Charles - Appropriate - dry -	1,415,020	1,448,227	1,702,363	1,953,512				
November	1,432,182	1,433,191	1,707,886	2,052,940				
December			17,553,001	21,159,530				
TOTAL	16,383,400	15,862,987	1,000,003	And Jah. U. S. D. C.	On Sear Class Class Class State Class Search			
		EXPORTS TO THE	HE UNITED STATE	ES				
			The second secon		112 979			
January	162,443	61,767	48,018	100,485	113,878			
February	145,498	52,422	46,440	102,151	109,524			
March	127,985	55,414	45,343	112,115	103,956			
	97,677	54,982	35, 272	63,105	97,475			
April		51,354	42,874	111,000	94,256			
May	86,824	64,864	86,673	113,640	107,994			
June	88,602		119,192	105,866	93,348			
July	95,085	59,015		115,988	130,305			
August	99,781	69,192	109,592	107,114	x142.177			
September	93,288	71,500	122,90?		146,530			
October	95,423	50,737	127,243	107,122				
Sub Total	1,092,606	591,247	783,554	1,038,586	1,139,443			
November	73,357	35,023	106,457	99,714				
December	69,362	41,61.0	99,353	110,508	AND THE PROPERTY AND ADDRESS OF THE PROPERTY O			
TOTAL	1,235,325	667,880	989,364	1,248,808				
E. acceptational configuration of the configuration			The Control of the Co	Secretary Service Control of the Con				
	OUTPUT	LESS EXPORTS A	ND DELIVERIES	TO ELECTRIC BOIL	LERS			
From the August 1900 Communication of the August Au		170 170	7 000 447	1 225 962	x1,354,033			
January	1,179,856	1,130,430	1,062,447	1,225,962	203 487			
Pabruary	1,052,887	1,056,607	960,34?	1,127,664	x1,203,481			
iarch	1,143,625	1,094,779	1,024,14	1,252,82?	x1,336,822			
april	1,122,294	1,016,348	970,017	1,160,066	xl, 274, 495			
May	1,125,041	999,749	1,023,979	1,261,178	x1,309,800			
	1,072,893	932,648	1,019,082	1,176,141	xl,249,692			
ine	1,039,037	902,740	1,056,634	1,172,789	xl., 274, 963			
Tuly		950,994	1,111,397	1,209,774	x1,311,538			
August	1,036,736	990,920	1,117,383	1,192,695	x1,323,700			
September	1,068,277		1,117, 305	1,31.3,033	1,452 931			
October	1,148,38?	1,060,554	A CONTRACTOR OF PERSONS THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	The same of the sa	13,091,455			
Sub Total	10,989,033	10,135,769	10,544,148	12,092,129	1900919400			
November	1,132,312	1,1.23,982	1,204,309	1,315,837				
December	1,154,705	1,099,017	1,206,780	1,372,056				
TOTAL	13,276,050	12,358,768	12,955,237	14,780,022				
The state of the s	x - Revised.							

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Minister of Trade and Commerce

57-

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### NOVEMBER, 1935

Central electric stations in Canada produced 2,143,314,000 kilowatt hours during November, as against 1,953,512,000 kilowatt hours in November last year and 2,162,569,000 kilowatt hours in last October. The decrease from October was largely in Quebec where the output was 72,218,000 kilowatt hours less and the exports to Ontario decreased from 185,224,000 to 111,761,000 kilowatt hours. The exports from Ontario stations to the United States decreased from 94,772,000 kilowatt hours in October to 65,142,000 kilowatt hours, so that with an increased production from 626,620,000 to 670,467,000 kilowatt hours the quantity consumed in the province (including line losses) was slightly greater than for October. The Quebec consumption also increased from 940,676,000 to 946,489,000 kilowatt hours, including deliveries of surplus power to electric boilers of 445,043,000 kilowatt hours in October and 467,297,000 kilowatt hours in November. Total deliveries to electric boilers amounted to 636,054,000 kilowatt hours, the highest yet recorded.

Exports to the United States decreased from 146,530,000 kilowatt hours in October to 112,305,000 kilowatt hours, but were above the exports for November last year by 12,591,000 kilowatt hours.

The index number of total production was 201,83, as against 183.96 for November, 1934, and 202,55 for October, 1935, which was the highest on record. The index number for total output less exports and surplus power delivered to electric boilers was 167,77. The peak was 172,16 for August and each succeeding month has shown declines.

	- Total	Maritime	Onehaa	Onthonic	Prairie	British
	Total	Provinces	Quebec	Ontario	Provinces	Columbia
		MC	ONTHLY OUTPUTS			
Generated b	y Water Power					
Nov. 1935 Oct. 1935 Nov. 1934	2,101,951 2,122,992 1,918,216	43,977 46,811 60,145	1,104,144 1,176,353 1,084,381	670,402 626,559 524,313	148,888 137,698 122,755	134,540 135,571 126,622
Generated b	y Fuel		THE COMPANY CONTRACTOR			
Nov. 1935 Oct. 1935 Nov. 1934	41,363 39,577 35,296	19,067 17,933 16,236	271 280	65 61 49	21,791 21,149 18,880	169 154 131
Total Outpu	t					
Nov. 1935 Oct. 1935 Nov. 1934	2,143,314 2,162,569 1,953,512	63,044 64,744 76,381	1,104,415 1,176,633 1,084,381	670,467 626,620 52 <b>4</b> ,362	170,679 158,8 <b>4</b> 7 1 <b>4</b> 1,635	134,709 135,725 126,753
Total to Da	te			The state of the s		
1935 1934	21,247,884 19,106,590	715,852 697, <b>4</b> 46	11,461,312 10,2 <b>4</b> 1,951	6,175,252 5,516,827	1,503,387 1,349,873	1,392,081 1,300,493
		PROVINCI	AL CONSUMPTIONS	1/		
Nov. 1935 Oct. 1935 Nov. 1934	2,031,009 2,016,039 1,853,798	62,095 63,761 75,292	946,489 940,676 846,005	717,085 717,072 664,151	172,351 160,457 142,831	132,989 134,073 125,519
Total to Da	te					
1935 1934	19,996,139 17,968,291	702,448	9,033,644 7,989,091	7,365,071 6,644,16 <b>4</b>	1,519,826 1,364,082	1,375,150 1,285,887

#### INDEX NUMBERS

Pilor somernages, qual millioristation is garagement     Pilor somernages qual millioristation is garagement     Pilor somernages qualification in the control of the	January	February	March	April	May	June
1933 1934 1935	132.93 16 <b>4.</b> 21 191.57	134.68 167.31 186.90	133.42 174.90 189.13	131.97 172.79 191.43	134.59 182.54 191.74	TOTAL 143.99 179.47 190.77
1933 1934 1935	128.57 148.71 164.31	127.20 149.57 159.85	126,65 154,98 165,26	125.83 149.66 166.25	*OUTPUT LESS 130 19 159.83 167.53	EXPORTS AND 134,87 155,27 166,90

<sup>1/</sup> Production plus provincial imports less provincial exports.
x Revised.

-		Maritime					
	Total	Provinces	Quebec	Ontoni	Prairie	British	
			- Quebec	Ontario	Provinces	Columbia	4
			DAILY AVERAG	E OUTPUTS <sup>2</sup> /			
							ı
	70,065	1,466	36,805	22,347	4,963	4,484	
	68,484	1,510	37,947	20,212	4,442	4,373	
	63,941	2,005	36,146	17,477	4,092	4,221	
	1,379	636	9	2	726	6	
	1,277	579	9	2	682	5	
	1,176	541	* *	2	629	4	
	71,444	2,102	36,814	22,349	5,689	4,490	
	69,761 65,117	2,089	37,956	20,214	5,124	4,378	
	00,111	2,546	36,146	17,479	4,721	4,225	
	63,616	2,143	34,315	. 30 400	4 507		
	57,205	2,088	30,664	18,489	4,501	4,168	
			1	10,01	1,042	3,894	
		(3) DELIVE	ERIES TO ELECTRI	C BOILERS			
	636,054		467,297	125,129	(4) 43,152	ATC	
	x 600,143	445	x 445,043	x 123,501	30,716	476 438	
	561,113	7,055	412,697	115,158	25,808	395	
	5,611,159	27,051	4,066,103	1,252,119	261,552	4,334	
	4,742,906	37,612	<b>3,</b> 470 <b>,9</b> 98	1,029,797	201,041	3,458	
1							

(Average, 1926 = 100)

_							
	July	August	September	October	November	December	
-	OUTPUT						
	152.17 171.02 188.98	156.66 174.18 192.28	152.03 166.11 195.91	151.51 173.57 202.55	160.31 183.96 201.83	159.11 191.26	
-	DELIVERIES TO ELECTRIC BOILERS						
	140.27 155.51 170.48	144.86 156.94 172.16	143.87 152.50 171. <b>3</b> 5	142.09 154.17 169.14	143.42 155.47 167.77	141.15 159.46	

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.

4/ Manitoba only.

Month	1931	1932	1933	1934	1935
January February March April May June July August September October November Sub Total December	1,488,721 1,338,988 1,417,558 1,411,090 1,365,786 1,289,828 1,251,323 1,256,149 1,288,413 1,428,342 1,415,020 14,951,218 1,432,182 16,383,400	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 14,429,796 1,433,191 15,862,987	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 15,845,115 1,707,886 17,553,001	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 19,106,590 2,052,940 21,159,530	2,012,742 1,803,446 1,943,554 1,881,028 1,923,071 1,816,250 1,791,543 1,851,153 1,851,153 1,919,214 2,162,569 2,143,314 21,247,884

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October	162,443 145,498 127,985 97,677 86,824 88,602 95,085 99,781 93,288 95,423	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243	100,485 102,151 112,115 63,105 111,000 113,640 x105,856 115,988 107,114 107,122	113,878 109,524 103,956 97,475 94,256 107,994 93,348 130,305 142,177 146,530		
November	73,357	35,023	106,457	99,714	112,305		
Sub Total	1,165,963	626,270	890,011	1,138,290	1,251,748		
December TOTAL	69,362	41,610 667,880	99,353 989,364	x1,248,798			

### \* OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March Spril May June Suly August September Setober Vovember Sub Total December	1,174,919 1,049,623 1,139,454 1,112,176 1,112,030 1,064,971 1,033,696 1,036,314 1,067,839 1,142,812 1,127,113 12,060,947 1,148,497	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840 11,199,964 1,092,474	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 11,629,068 1,193,359	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 13,225,395 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,318,213 1,415,896 1,394,955 14,384,980
TOTAL	13,209,444	12,292,438	12,822,427	14,573,600	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### DECEMBER, 1935

Central electric stations in Canada produced 2,156,525,000 kilowatt hours during December which was an increase of 5 per cent over the December 1934 output. Between one and two per cent of this would be due to the fifth Saturday in December, 1934. Exports to the United States amounted to 112,841,000 kilowatt hours as against 110,508,000 kilowatt hours in 1934 and deliveries to electric boilers increased from 594,227,000 kilowatt hours to 632,590,000 kilowatt hours. Consumption of firm power in Canada, or output less exports and deliveries to electric boilers, amounted to 1,411,094,000 kilowatt hours, or 4.7 per cent above the December 1934 consumption, and the index number rose from 159.46, the highest in 1934, to 166.90.

The total output for the year established a new high record at 23,404,408,000 kilowatt hours, an increase over the 1934 output of 2,244,878,000 kilowatt hours, or 10,6 per cent. Exports accounted for 115,791,000 kilowatt hours of this increase, electric boiler deliveries for 906,616,000 kilowatt hours of it and lighting and power, including line losses, for the remaining 1,222,471,000 kilowatt hours.

	Total	Maritime Provinces	Quabes	Ontario	Prairie Provinces	British Columbia
A Security of the Control of the Con		M	ONTHLY OUTPUTS	,		
Generated by	Water Power	and the second		Grand Account		
Dec 1935 Nov. 1935 Dec 1934	2,117,404 2,101,951 2,017.977	44,149 43,977 57,739	1,100,864 1,104,144 1,114,243	681,644 670,402 578,876	156,681 148,888 132,701	134,066 134,540 134,418
Generated by	Fuel			C Mary and the state of the sta		
Dec. 1935 Nov. 1935 Dec. 1934	39,121 41,363 34,963	17,355 19,067 14,491	141 271	50 65 55	21,452 21,791 20,243	123 169 174
Total Output				A Commence of the Commence of		
Dec. 1935 Nov. 1935 Dec. 1934	2,156,525 2,143,314 2,052,940	61,50 <b>4</b> 63,04 <b>4</b> 72,230	1,101,005 1,104,415 1,114,243	681,694 670,467 578,931	178,133 170,679 152,944	134,189 134,709 134,592
Total to Date	<u> </u>			THE CONTRACT OF THE CONTRACT O		
<b>1935</b> 1934	23,404,408 21,159,530	777,356 769,676	12,562,317 11,356,194	6,856,946 6,095,758	1,681,520 1,502,817	1,526,269 1,435,085
		PROVIN	CIAL CONSUMPTION	ONS1/		
Dec. 1935 Nov. 1935 Dec. 1934	2,043,684 2,031,009 1,942,432	60,536 62,095 71,161	925,483 946,489 880,717	745,406 717,085 703,062	179,643 172,351 154,222	132,616 132,989 133,270
Total to Date	<u>e</u>			-		
935 .934	22,039,822	762,984 756,227	9,959,127 8,869,808	8,110,477 7,347,226	1,699,469 1,518,304	1,507,765 1,419,158

#### INDEX NUMBE

· man in the contract of the c					_	
· · · · · · · · · · · · · · · · · · ·	January	Pebruary	March	April	May	June
						TOT.
1933 193 <b>4</b> 19 <b>3</b> 5	132.93 164.21 191.57	134.68 167.31 186.90	133.42 174.90 189.13	131.97 172.79 191.43	134.59 182.54 191.74	143.99 179.47 190.77
	The state of the s				OUTPUT LESS	EXPORTS A
1933 1934 1935	128 · 57 148 · 71 164 · 31	127,20 149,57 159,85	126.65 154.98 165.26	125.83 149.66 166.25	130,19 159,83 167,53	134.87 155.27 166.90

Production plus provincial imports less provincial exports.

Total	Maritime Provinces	Quebec	Out to an i	Prairie	British
			Ontario	Provinces	Columbia
68,303 70,065	1,424 1,466	35,512	AGE OUTPUTS <sup>2</sup> / 21,988	5,054	4,325
65,096	1,863	36,805 35,943	22,347 18,673	4,963 4,281	<b>4</b> ,484 <b>4</b> ,336
1,262 1,379 1,128	560 636 467	<b>4</b> 9 . :	2 2 2	6 <b>92</b> 726 653	4 6 6
69,565 71,444 66,224	1,984 2,102 2,330	35,516 36,814 35,943	21,990 22,349 18,675	5,746 5,689 4,934	4,329 4,490 4,342
6 <b>4</b> ,122 57,971	2,130 2,109	34,417 31,113	18,786 16,700	4,607 4,118	4,182 3,931
632,590 636,054 594,227	(3) 1,036 6,842	449,528 467,297 429,719	132,113 125,129 125,080	(4) 49,549 43,152 32,127	364 476 459
6,243,749 5,337,133	28,087 44,454	4,515,631 3,900,717	1,384,232 1,154,877	311,101 233,168	4,698 3,917

(Average, 1926 = 100)

Į	July	August	September	October	November	December
	OUTPUT					
•	152.17 171.02 188.98	156.66 174.18 192.28	152.03 166 11 195.91	151,51 173 57 202,55	160.31 183.96 201,83	159.11 191.26 200.91
1	DELIVERIES TO B	ELECTRIC BOILERS				
	140.27 155.51 170.48	144,86 156,94 172,16	143 87 152 50 171 35	142.09 154.17 169.14	143 42 155 47 167 77	141.15 159.46 166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only. 4/ Manitoba only.

Month	1931	1932	1933	1934	1935
January February March April May June July August September October November December	1,488,721 1,338,988 1,417,558 1,411,090 1,365,786 1,289,828 1,251,323 1,256,149 1,288,413 1,428,342 1,415,020 1,432,182	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,446 1,943,554 1,881,028 1,923,071 1,816,250 1,791,543 1,851,153 ×1,919,213 2,162,569 2,143,314 2,156,525
TOTAL	16,383,400	15,862,987	17,553,001	21,159,530	23,404,408

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May June July	1,174,919	1,124,045	1,052,123	1,216,922	1,344,646
	1,049,623	1,051,063	949,956	1,117,047	1,193,820
	1,139,454	1,089,190	1,012,774	1,239,377	1,321,545
	1,112,176	1,011,222	959,513	1,141,203	1,267,776
	1,112,030	995,125	1,014,092	1,244,982	1,304,893
	1,064,971	927,105	1,006,602	1,158,889	1,245,659
	1,033,696	897,727	1,045,695	1,159,301	1,270,867
August	1,036,314	946,029	1,099,524	1,191,218	1,306,710
September	1,067,839	985,948	1,106,841	1,173,190	1,318,213
October	1,142,812	1,054,670	1,189,454	1,290,580	1,415,896
November	1,127,113	1,117,840	1,192,494	1,292,686	1,394,955
December	1,148,497	1,092,474	1,193,359	1,348,205	1,411,094
TOTAL	13,209,444	12,292,438	12,822,427	14,573,600	15,796,074

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Minister of Trade and Commerce

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JANUARY, 1936

Canadian central electric stations produced 2,091,041,000 kilowatt hours during January, as against 2,012,742,000 kilowatt hours in January, 1935, and 2,156,525,000 kilowatt hours in December last, and the index number adjusted for seasonal changes dropped from 200.91 for December to 199.02.

Exports to the United States increased from 112,838,000 kilowatt hours in December to 118,051,000 kilowatt hours, but deliveries of surplus and off-peak power to electric boilers dropped from 632,590,000 kilowatt hours in December to 558,641,000 kilowatt hours.

Consumption in Canada of firm power, or output less exports and deliveries to electric boilers, amounted to 1,414,349,000 kilowatt hours which has been exceeded only in October, 1935. The index number, however, adjusted for seasonal variations, rose to a new high record of 172,83 as against 166,90 for December and 172,16 for August, 1935, the previous peak.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			MONTHLY OUTPUTS	Oliver and the second s		
Generated by	Water Power		manager surroughness place 2 black only, come is fire both any common with the threatening of			
Jan. 1936 Dec. 1935 Nov. 1935 Jan. 1935	2,051,660 2,117,404 2,101,951 1,977,330	38,572 44,149 43,977 54,494	1,045,702 1,100,864 1,104,144 1,081,957	675,429 681,644 670,402 579,166	159,899 156,681 148,888 135,702	132,058 134,066 134,540 126,011
Generated by	Fuel					
Jan. 1936 Dec. 1935 Nov. 1935 Jan. 1935	39,381 39,121 41,363 35,412	17,587 17,355 19,067 14,197	284 141 271 170	65 50 65 50	21,051 21,452 21,791 20,232	594 123 169 763
Total Output						Tallows a semida
Jan. 1936 Dec. 1935 Nov. 1935 Jan. 1935	2,091,041 2,156,525 2,143,314 2,012,742	56,159 61,504 63,044 68,691	1,045,986 1,101,005 1,104,415 1,082,127	675,494 681,694 670,467 579,216	180,950 178,133 170,679 155,934	132,452 134,189 134,709 126,774
	7.00	PROV	INCIAL CONSUMP	CIONS1/		and the state of t
Jan. 1936 Dec. 1935 Nov. 1935 Jan. 1935	1,972,990 x2,043,688 2,031,009 1,898,864	55,234 60,536 62,095 67,237	865,741 x925,472 946,489 836,584	738,665 x745,410 .717,085 712,395	182,485 179,643 172,351 157,367	130,865 x132,627 132,989 125,281

#### INDEX NUMBE

		,			And the second second control of the second	
For Whiteprocessing Commission Commission in the Commission of the Commission Commission of the Commis	January	February	March	April	May	June
1933 1934 1935 936	132.93 184.21 130.67 199.02	134.68 167.31 186.90	133,42 174,90 189,13	131.97 172.79 191.43	134.59 182.54 191.74	
1933 1934 1935 1936	123 57 146,71 164 31 172 83	127.20 149.57 159.85	126.65 154.98 165.26	125.83 149.66 166.25	130.19 159.83 167.53	134.87 155.27 166.90

I/ Production plus provincial imports less productal exports

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	The state of the s	2 4 0 1 1011 0 0 0	OUTUINDIA
66,182	1,244	33,732	21,788	5,158	4,260
68,303	1,424	35,512	21,988	5,054	4,325
70,065	1,466	36,805	22,347	4,963	4,484
63,785	1,758	34,902	18,683	4,377	4,065
1,270	567	9	2	67 <b>9</b>	13
1,262	560	4	2	692	4
1,379	636	9	2	<b>7</b> 26	6
1,143	<b>4</b> 58	5	2	653	25
67,452	1,811	33,741	21,790	5,837	4,273
69,565	1,984	35,516	21,990	5,746	4,329
71,444	2,102	36,814	22,349	5,68 <b>9</b>	4,490
64,928	2,216	34,907	18,685	5,030	4,090
558,641 632,590 636,054 554,218	(3) 1,036 1,650	VERIES TO ELECTR 377,143 449,528 467,297 386,738	129,567 132,113 125,129 129,725	(4) 51,586 49,549 43,152 35,707	

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					£ .
152.17 171.02 188.98 DELIVERIES TO ELI	156.66 174.18 192.28 ECTRIC BOILERS	152,03 166,11 195,91	151.51 173.57 202.55	160.31 183.96 201.83	159.11 191.26 200.91
140°27 155°51 170°48	144.86 156.94 172.16	143.87 152.50 171.35	142.09 154.17 169.14	143.42 155.47 167.77	141.15 159.46 166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only. 4/ Manitoba only.

Month	1932	1933	1934	1935	1936
January February March April May June July August September October November December	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,250,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 x1,803,447 x1,943,555 x1,881,029 1,923,071 1,816,250 x1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,041
TOTAL	15,862,987	17,553,001	21,159,530	x23,404,412	

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October November December	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737 35,023 41,610	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457 99,353	100,485 102,151 112,115 63,105 111,000 113,640 105,856 115,988 107,114 107,122 99,714 110,508	113,878 109,524 x103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305 x112,838	118,051
TOTAL	667,880	989,364	1,248,798	x1,364,587	

January February March April May June July August September October November December	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840 1,092,474	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 ×1,317,312 1,415,896 1,394,955 x1,411,097	1,414,349
TOTAL	12,292,438	12,822,427	14,573,600	x15,795,176	

DEPARTMENTAL LIDDAD

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### FEBRUARY, 1936

Canadian central electric stations produced 1,937,550,000 kilowatt hours during February, as against 1,803,447,000 kilowatt hours in February last year, which was an increase of 7.4 per cent, or, allowing for the extra day, an increase of 3.7 per cent.

Exports amounted to 110,685,000 kilowatt hours and deliveries to electric boilers amounted to 529,983,000 kilowatt hours. The index number for output less exports and deliveries to electric boilers, adjusted for seasonal variations and also for the extra day, dropped from 172.83 for January to 167.66, the consumption dropping from 1,414,349,000 kilowatt hours, or 456,242,000 kilowatt hours per day, in January to 1,296,883,000 kilowatt hours, or 447,201,000 kilowatt hours per day, in February.

generalization designed was now also have all region deliveralization of the	Total.	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
are the second of the second o			MONTHLY OUTPU	TS		
Generated by V	later Power					
Feb. 1936 Jan. 1936 Feb. 1935	1,899,821 0,051,660 1,772,812	34,049 38,572 39,961	984,744 1,045,702 962,720	612,932 675,429 544,279	151,637 159,899 113,686	116,459 132,058 112,166
Generated by F	uel					
Feb. 1936 Jan. 1936 Feb. 1935	37,729 39,381 30,635	16,659 17,587 13,507	268 284 171	60 65 31	19,713 21,051 16,796	1,029 394 130
Total Output						
Feb. 1936 Jan. 1936 Feb. 1935	1,937,550 2,091,041 1,803,447	50,708 56,159 53,468	985,012 1,045,986 962,891	612,992 675,494 544,310	171,350 180,950 130,482	117,488 132,452 112,296
Total to Date						
1936 1935	4,028,591 3,816,189	106,867 122,159	2,030,998 2,045,018	1,288,486 1,123,526	352,300 286,416	249,940 239,070
		PR	OVINCIAL CONSUM	MPTIONS1/		
Feb. 1936 Jan. 1936 Feb. 1935	1,826,865 x 1,972,991 1,693,923	49,622 55,234 52,037	795,547 865,741 754,543	692,905 738,665 644,611	172,983 182,485 131,734	115,808 x130,866 110,998
Total to Date 1936 1935	3,799,856 3,592,787	104,856	1,661,288 1,591,127	1,431,570 1,357,006	355,468 289,101	246,674 236,279

#### INDEX NUMBER

A yellon A			ray to and and and a series of the annual and and			y mar
	January	February	March	April	May	June
						TOTA
1933	132.93	134.68	133.42	131.97	134.59	143.99
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186,90	189.13	191.43	191.74	190.77
1936	199.02	193.88				
					OUTPUT LESS	EXPORTS A
1933	128.57	127.20	126.65	125.83	130.19	134.87
1934	148.71	149°.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66				

<sup>1/</sup> Production plus provincial imports less provincial exports

x Revised.

		Maritime				
	Total	Provinces	Quebec	Onton	Prairie	British
				Ontario	Provinces	Columbia
			DAILY AVERAG	E OUTPUTS <sup>2</sup> /	·	
	65,511 66,182 63,315	1,174 1,244 1,427	33,957 33,732 34,383	21,135 21,788 19,439	5,229 5,158 4,060	4,016 4,260 4,006
	1,301 1,270 1,094	574 567 482	9 9 6	2 2 1	680 679 600	36 13 5
	66,812 67,452 64,409	1,748 1,811 1,909	33,966 33,741 34,389	21,137 21,790 19,440	5,909 5,837 4,660	4,052 4,273 4,011
	67,143 64,681	1,781 2,070	33,850 34,661	21,475 19,043	5,872 4,855	4,165 4,052
			LIVERIES TO ELE	CTRIC BOILERS		
x5	29,983 60,848 00,103	(3)	355,538 x 380,023 353,556	123,733 x 128,894 118,017	(4) 50,226 51,586 28,162	486 345 368
	90,831 54,321	1,650	735,561 740,294	252,627 247,742	101,812 63,869	831 766

(Verage, 1926 = 100)

		THE RESERVE AND ADDRESS OF THE PARTY AND ADDRE			
July	August	September	October	November	December
TPUT					
152.17 171.02 188.98	156.66 174.18 192.28	152.03 166.11 195.91	151.51 173.57 202.55	160.31 183.96 201.83	159.11 191.26 200.91
LIVERIES TO EL	ECTRIC BOILERS				
140.27 155.51 170.48	144.86 156,94 172,16	143.87 152.50 171.35	142.09 154.17 169.14	143.42 155.47 167.77	141.15 159.46 166.90
The same of the second and and the second second	and make althoughthought with a high contracts requirements and a 18			window and not not the tree that the submitted participation may be applicable	the special is an approximate to 14 minutespecial

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
/ New Brunswick only. 4/ Manitoba only.

Month	1932	1.933	1.934	1935	1936
January February March April May June July August September October November December	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,805,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,041 1,937,550
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October November December	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737 35,023 41,610	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457 99,353	100,485 102,151 112,115 63,105 111,000 113,640 105,856 115,988 107,114 107,122 99,714 110,508	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305 112,838	x118,050 110,685
TOTAL	667,880	989,364	1,248,798	1,364,587	

				the state of the second	
January February March April May June July August September October November December	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840 1,092,474	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,414,349
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1936.

The output of central electric stations in Canada reached a new high in March at 2,135,460,000 kilowatt hours and the index number rose to 207.81; the previous peak was 202.55 for October, 1935.

Exports to the United States increased from 103,957,000 kilowatt hours last year to 125,922,000 kilowatt hours and deliveries to electric boilers increased from 518,053,000 kilowatt hours in March 1935 to 625,272,000 kilowatt hours.

Total output less exports and deliveries to electric boilers amounted to 1,384,266,000 kilowatt hours and the index number rose from 167.66 for February and 172.83 for January to a new high at 175.10.

21/4/36

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	IUUAL					
		MOA	ITHLY OUTPUTS			
Generated by Wa	ter Power					
March, 1936 Feb. 1936 March, 1935	2,101,192 1,899,821 1,912,931	47,439 34,0 <b>4</b> 9 <b>43,4</b> 16	1,101,617 98 <b>4,74</b> 4 1,032,363	667,679 612,932 578,285	149,202 151,637 125,713	135,255 116,459 133,154
Generated by Fu	iel					
March, 1936 Feb. 1936 March, 1935	34,268 37,729 30,624	14,978 16,659 13,660	274 268 208	25 60 28	18,879 19,713 16,633	112 1,029 95
Total Output	V stranger of the stranger of					
March, 1936 Feb. 1936 March, 1935	2,135,460 1,937,550 1,943,555	62,417 50,708 57,076	1,101,891 985,012 1,032,572	667,704 612,992 578,313	168,081 171,350 142,345	135,367 117,488 133,249
Total to Date	-					
1936 1935	6,164,052 5,759,744	169,284 179,235	3,132,889 3,077,590	1,956,190 1,701,839	520,382 428,761	385,307 372,319
		PROVI	NCIAL CONSUMPTI	ONS1/		
March, 1936 Feb. 1936 March, 1935	2,009,538 1,826,865 1,839,598	60,954 49,622 55,561	907,738 795,547 808,771	737,446 692,905 699,713	169,628 172,983 143,840	133,772 115,808 131,713
Total to Date 1936 1935	5,809,395 5,432,385	· 165,810 174,835	2,569,026 2,399,898	2,169,016 2,056,719	525,096 432,941	380,441 367,992

#### INDEX NUMBI

	January	February	March	April	May	June
						TO
1934 1935 1936	164.21 191.57 199.02	167.31 186.90 193.88	174.90 189.13 207.81	172.79 191.43	182.54 191.74	179.4 190.7
					OUTPUT LESS	EXPORTS
1934	148.71	149,57	154,98	149.66	159.83	155.2
1935 1936	164.31 172.83	159.85 167.66	165.26 173.10	166.25	167.53	166.9

<sup>1/</sup> Production plus provincial imports less provincial exports.

	_	Maritime			Prairie	T P · · · ·
-	Total	Provinces	Quebec	Ontario	Provinces	British Columbia
			DAILY AVERAGE (	OUTPUTS <sup>2</sup> /		
	67,780 65,511 61,707	1,530 1,174 1,401	35,536 33,957 33,302	21,538 21,135 18,654	4,813 5,229 4,055	4,363 4,016 4,295
	1,106 1,301 988	483 574 441	9 9 7	1 2 1	60 <b>9</b> - 680 536	4 36 3
	68,886 66,812 62,695	2,013 1,748 1,842	35,545 33,966 33,309	21,539 21,137 18,655	5,422 5,909 4,591	4,367 4,052 4,298
	67,737 63,997	1,860 1,992	34,427 34,195	21,497 18,909	5,718 <b>4,</b> 76 <b>4</b>	<b>4</b> ,235 <b>4</b> ,137
	625,272 529,983 518,053	(3) 6,781 181	442,094 355,538 365,157	130,016 123,733 122,117	(4) 45,909 50,226 30,121	472 486 477
	1,716,103 1,572,374	6,781	1,177,655 1,105, <b>4</b> 51	382,6 <b>4</b> 3 369,859	1 <b>4</b> 7,721 93,990	1,303 1,243

(Average, 1926 = 100)

	July	August	September	October	November	Decembon
_	OUTPUT					
	171.02 188.98	174.18 192.28	166.11 195.91	173.57 202.55	183. <b>9</b> 6 201.83	191.26 200.91
_	DELIVERIES TO	ELECTRIC BOILERS				
	155.51 170.48	156.94 172.16	152.50 171.35	154.17 169.1 <b>4</b>	155. <b>4</b> 7 167.77	159.46 166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1932	1933	1934	1935	1936
January February March April May June July August September October November December	1,413,918 1,325,133 1,388,697	1,396,661 1,299,580 1,371,060 4,067,301 1,294,005 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 5,137,023 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 5,759,744 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	x2,091,042 1,937,550 2,135,460 6,164,052
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January February March	61,767 52,422 55,414	48,018 46,440 45,3 <b>4</b> 3	100,485 102,151 112,115	113,878 109,524 103,957	118,050 110,685 125,922
Sub Total	169,603	139,801	314,751	327, 359	354,656
April	54,982	35,272	63,105	97,475	
May	51,354	42,874	111,000	94,256	
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115,988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	11.2,838	
TOTAL	667,880	939,364	1,248,798	1,364,587	

January February March Sub Total April May June July August September October November December	1,124,045 1,051,063 1,089,190 3,264,298 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840 1,092,474	1,052,123 949,956 1,012,774 3,014,853 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,216,922 1,117,047 1,239,377 3,573,346 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 3,860,011 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,414,349 1,296,883 1,384,266 4,095,498
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

57-6

No. 4

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.).
Chief. Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1936

The monthly output of central electric stations in Canada reached a new high record of 2,163,717,000 kilowatt hours in April and the index number rose to 220.19, as against the previous high of 207.31 for March. All five divisions showed increases over April, 1935, and the Maritime Provinces and Quebec showed increases over March this year. These two divisions also showed increased consumptions over March; larger deliveries to electric boilers in Quebec more than accounted for this increase in that province.

Exports to the United States amounted to 125,497,000 kilowatt hours, or 29 per cent above last year's exports, and deliveries to electric boilers increased from 515,778,000 cilowatt hours in April, 1935, to 683,317,000 kilowatt hours, all divisions except 3ritish Columbia showing increases.

The consumption of firm power, or total production less exports and deliveries to electric boilers, was 1,354,904,000 kilowatt hours. Although this was below March and also October, 1935, consumption, the index number, adjusted for seasonal variations, eached a new high at 177.68; the March index at 173.77 was the previous peak.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			MONTHLY OUTPU	ITS		
Generated by Wa	ter Power					
April, 1936 Wench, 1936 Will, 1935	2,130,970 2,101,192 1,854,252	59,288 47,439 53,065	1,139,601 1,101,617 1,028,940	663,684 667,679 533,740	136,632 149,202 118,689	131,765 135,255 119,818
Generated by Fu	el					
April, 1936 March, 1936 April, 1935	32,747 34,268 26,777	14,887 14,978 13,708	261 274 211	14 25 23	17,393 18,879 12,755	192 112 80
Total Output						
April, 1936 March, 1936 April, 1935	2,163,717 2,135,460 1,881,029	74,175 62,417 66,773	1,139,862 1,101,891 1,029,151	663,698 667,70 <b>4</b> 533,763	154,025 168,081 131,444	131,957 135,367 119,898
Total to Date						
1936 1935	8,327,769 7,640,773	243,459 246,008	4,272,751 4,106,741	2,619,888 2,235,602	674,407 560,205	517,264 492,217
		PROV	VINCIAL CONSUM	APTIONS1/		
April, 1936 March, 1936 April, 1935	2,038,221 2,009,538 1,783,554	73,064 60,954 65,564	958,895 907,738 805,219	720,31 <b>4</b> 737,446 661,467	155,381 169,628 133,026	130,567 133,772 118,278
Total to Date 1936 1935	7,847,618 7,215,939	238,874 240,399	3,527,921 3,205,117	2,889,330 2,718,186	680,477 565,967	511,016 486,270

#### INDEX NUMB

	January	February	March	April	May	June
"						<u>TO'</u>
1934	164.21	167.31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	220.19		
					OUTPUT LESS	EXPORTS A
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	x173.77	177.68		

Production plus provincial imports less provincial exports.

Revised.

		Maritime				
	Total	Provinces	Quebec		Prairie	British
			Guenec	Ontario	Provinces	Columbia
			DAILY AVERAGE	OUTPUTS2/		
	71,032	1,976	37,987	22,123	4,554	4 700
	67,780	1,530	35,536	21,538	4,813	4,392
	61,808	1,769	34,298	17,791	3,956	3,994
						3,001
	1,091	496	9		580	
	1,106	483	9	ı	609	6
	893	457	7	1	425	3
	72,123	2,472	37,996	22,123	5,134	1 700
	68,886	2,013	35,545	21,539	5,422	4,398 4,367
	62,701	2,226	34,305	17,792	4,381	3,997
	68,826	2,012	35,312	21,652	5,574	4,275
	63,673	2,050	34,223	18,630	4,668	4,102
						-,200
			VERIES TO ELECT	RIC BOILERS		
	607 717	(3)	500.02		(4)	
	683,317 x 619,901	7,538 x 4,092	506,214	128,984	40,223	358
	515,778	3,775	x 439,412	130,016	45,909	472
		0,110	372,817	114,637	24,184	365
	2 388 303	11 670	3 075 443	<b>533</b> 005	707.611	
	2,388,303 2,088,152	11,630	1,675,441	511,627	187,944	1,661
	2,000,102	5,606	1,478,268	484,496	118,174	1,608
-						

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
DELIVERIES TO	ELECTRIC BOILERS				
155.51	156.94	152.50	154.17	155.47	159.46
170.48	172.16	171.35	169.14	167.77	166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1932	1933	1934	1935	1936
January February Larch April Sub Total May June July August September October November December	1,413,918 1,325,133 1,388,697 1,329,489 5,457,237 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,805 5,364,106 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 6,334,932 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 7,640,773 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,042 1,937,550 2,135,460 2,163,717 8,327,769
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January February March Aoril	61,767 52, <b>4</b> 22 55,414 54,982	48,018 46,440 45,3 <b>43</b> 35,272	100,485 102,151 112,115 63,105	113,878 109,524 103,957 97,475	118,050 x110,684 x125,921 125,497
Sub Total	224,585	175,073	377,856	424,834	480,152
May June July August September October November December	51,354 64,864 59,015 69,192 71,500 50,737 35,023 41,610	42,874 86,673 119,192 109,592 122,907 127,243 106,457 99,353	111,000 113,640 105,856 115,988 107,114 107,122 99,714 110,508	94,256 107,994 93,348 130,305 142,177 146,530 112,305 112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

January February March April	1,124,045 1,051,063 1,089,190 1,011,222	1,052,123 949,956 1,012,774 959,513	1,216,922 1,117,047 1,239,377 1,141,203	1,344,646 1,193,820 1,321,545 1,267,776	x1,415,147 x1,299,627 x1,389,638 1,354,904
Sub Total	4,275,520	3,974,366	4,714,549	5.127.787	5,459,316
May	995,125	1,014,092	1,244,982	1,304,893	
une	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 5

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.). Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MAY, 1936

The output of Canadian central electric stations for May amounted to 2,083,045,000 kilowatt hours compared with 1,923,071,000 for May, 1935. The record of increases over the corresponding month of the previous years is unbroken back to May, 1933, when the downward trend started in August, 1930, was definitely stopped. The output of Quebec was about one per cent below last year's due to decreased exports to Ontario, but the other provinces showed increases. The index number dropped to 207.69 as against the peak of 220.25 for April.

Exports to the United States increased from 125,496,000 kilowatt hours in April to 130,529,000 kilowatt hours, and deliveries to electric boilers declined from 683,517,000 kilowatt hours in April to 578,978,000 kilowatt hours.

The consumption of firm power rose from 1,355,475,000 kilowatt hours in April to 1,373,538,000, but the index number, adjusted for the number of days in the month and other factors, dropped from 177.75 to 176.34. It was second, however, to the peak reached in April. May contained five Sundays and five Saturdays and April contained only four of each. If adjustments were made for the effect of these extra two light consumption days, the index numbers for May would be raised somewhat.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MC	I NTHLY OUTPUTS	3		
Generated by W	later Power					
May, 1936 April, " May, 1935	2,049,395 x2,131,540 1,896,121	56,963 59,288 57,830	1,050,174 1,139,601 1,061,757	672,355 x664,254 535,894	129,400 136,632 113,655	140,503 131,765 126,985
Generated by F	Tuel .					
May, 1936 April, " May, 1935	33,650 32,747 26,950	15,737 14,887 13,476	277 261 231	20 14 20	17,531 17,393 13,143	85 192 80
Total Output						
May, 1936 April, " May, 1935	2,083,045 x2,164,287 1,923,071	72,700 74,175 71,306	1,050,451 1,139,862 1,061,988	672,375 x664,268 535,914	146,931 154,025 126,798	140,588 131,957 127,065
Total to Date						
1936 1935	10,411,384 9,563,844	316,159 317,314	5,323,202 5,168,729	3,292,833 2,771,516	821,338 687,003	657,852 619,282
		PROVIN	CIAL CONSUMPT	IONS 1/		
May, 1936 April, " May, 1935	1,952,516 x2,038,792 1,828,816	71,662 73,064 70,173	90 <b>4</b> ,761 958,895 835,323	688,605 x720,884 669,512	148,248 155,381 128,295	139,240 x130,568 125,513
Total to Date						
1936 1935	9,800,705 9,044,755	310,536	4,432,682 4,040,440	3,578,505 3,387,698	828,725 694,262	650,257 611,783

#### INDEX NUMBERS

Us. particular and the second	January	February	March	April	May	June
						TOTAL
1934	164.21	167,31	174.90	172.79	182.54	179.47
1935	191.57	186.90	189.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	x220.25	207.69	
					OUTPUT LESS	EXPORTS AND
1934	148.71	149.57	154.98	149.66	159.83	155.27
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.83	167.66	173.77	x177.75	176.34	
						1

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	OUTPUTS <sup>2/</sup>		
66,109	1,837	<b>33,877</b>	21,689	4,174	4,532
x 71,051	1,976	<b>37,9</b> 87	x22,142	4,554	4,392
61,165	1,866	<b>34,</b> 250	17,287	3,666	4,096
1,085	50 <del>8</del>	9	•••	565	3
1,091	496	9		580	6
869	<b>4</b> 34	7		424	3
67,194	2,345	33,886	21,689	4,739	4,535
x72,142	2,472	37,996	22,142	5,134	4,398
62,034	2,300	34,257	17,288	4,090	4,099
68,496 63,336	2,080	35,021 - 34,230	21,663	5,404 4,550	4,328 4,101
578,978 683,317 523,922	(3) <u>DELIV</u> 4,123 7,538 5,867	441,528 506,214 383,242	106,581 128,984 117,386	(4) 26,362 40,223 16,934	384 358 <b>4</b> 93
2,967,281	15,753	2,116,969	618,208	214,306	2,045
2,612,074	11,473	1,861,510	601,882	135,108	2,101

(Average, 1926 = 100)

T 7		Cantombon	October	November	December
July	August	September	OG topet.	Movember	December
OUTPUT					
171.02	174.18	166.11	173.57	183.96	191.26
188.98	192.28	195.91	202.55	201.83	200.91
100.00	122000	2000			
DELIVERIES TO EI	ECTRIC BOILERS				
155.51	156.94	152.50	154.17	155.47	159.46
		171.35	169.14	167.77	166.90
170.48	172.16	TITODO	2000111		

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,163,717
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
Sub total	6,728,252	6,714,048	8,665,752	9,563,844	10,410,814
June	1,198,232	1,370,901	1,708,632	1,816,250	
July	1,155,581	1,442,657	1,621,314	1,791,544	
August	1,230,220	1,508,216	1,676,865	1,,851,153	
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	x125,496
May	51,354	42,874	111,000	94,256	130,529
Sub total	275,939	217,947	488,856	519,090	610,680
June	64,864	86,673	113,640	107,994	
July	59,015	119,192	105,856	93,348	
August	69,192	109,592	115, 988	130,305	
September	71,500	122,907	107,114	142,177	
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,808	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

January	1,124,045	1,052,123	1,216,922	1,344,646	1,415,147
February	1,051,063	949,956	1,117,047	1,193,820	1,299,627
March	1,089,190	1,012,774	1,239,377	1,321,545	1,389,638
April	1,011,222	959,513	1,141,203	1,267,776	x1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	1,373,538
Sub total	5,270,645	4,988,458	5,959,531	6,432,680	6,833,425
June	927,105	1,006,602	1,158,889	1,245,659	
July	897,727	1,045,695	1,159,301	1,270,867	
August	946,029	1,099,524	1,191,218	1,306,710	
September	985,948	1,106,841	1,173,190	1,317,312	
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 6

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1936.

The total output of central electric stations during June amounted to 2,028,695,000 kilowatt hours which, on a daily basis, exceeded the May output by 0.6 per cent, and the index number rose from 207.69 for May to 213.09. This was exceeded only by the April index number (220.25). The increase over the June, 1935, output was 212,445,000 kilowatt hours, or 11.7 per cent.

Exports to the United States increased from 130,530,000 kilowatt hours in May to 157,868,000 kilowatt hours, the increase in off-peak exports being 25,746,000 kilowatt hours.

Deliveries to electric boilers decreased from 578,978,000 kilowatt hours in May to 515,897,000 kilowatt hours and the consumption of firm power in Canada (including line losses) amounted to 1,354,930,000 kilowatt hours. The index number for firm power consumption reached a new high record at 181.54, being 3.79 points above the previous peak reached in April.

21/7/36

· No. of the second	pullings of the second	Maritime		y day the set grandy that a state providing a single Throne	Prairie	British
	Total	Provinces	Quebec	Ontario	Provinces	Columbia
			MONTHLY OUT	PUTS		
Generated by Wa	ater Power					
June, 1930 May, " June, 1935	1,397,291 2.041,39F 1,788,045	55,209 52,963 57,8 <b>71</b>	1,022,875 1,050,177 982,233	661,222 672,355 530,315	110,291 129,400 97,157	140,484 140,503 120,469
Generated by T	Control of Control					
June, 1936 May, ". June, 1935	35,614 33,650 28,205	17,700 15,737 15,002	285 277 2 <b>33</b>	37 20 24	17,507 17,531 12,863	85 85 83
Total Output					•	
June, 1936 May, " June, 1935	2,028,695 2,083,045 1,816,250	75,909 <b>72,700</b> 72,873	1,023,160 1,050,451 982,466	061,259 672,375 530,339	127,798 146,931 110,020	140,569 140,588 120,552
Total to Date						
1936 1935	12,440,079 11,380,094	<b>392,0</b> 68 <b>390,1</b> 87	6,346,362 6,151,195	3.954,092 3,301,855	949 <b>,1</b> 36 797 <b>,</b> 023	798,421 739,834
		PRO	VINCIAL CONSU	MPTIONS1/		
June, 1936 May, " June, 1935	1,870,827 x1,952,515 1,708,256	74,539 71,662 71,962	883,234 904,761 772,604	644,721 688,605 633,155	129,086 148,248 111,311	139,247 x139,239 119,224
Total to Date						
1936 1935	11,671,531 10,753,011	<b>3</b> 85,075 <b>3</b> 82,534	5,315,916 4,813,044	4,223,2 <b>2</b> 6 4,020,85 <b>3</b>	957,811 805,573	789,50 <b>3</b> 731,007

#### INDEX NUMBER

	garagement to the country on the country of the second section of the country of the second section of the section of the second section of the section o				Myddar	
WERE THE STATE OF	January	February	Marcn	April	May	June _
						TOTA
1934	164.21	167.31	174.90	172.79	132.54	179.47
1935	191.57	186,90	1.89.13	191.43	191.74	190.77
1936	199.02	193.88	207.81	220, 25	207.69	213.09
					OUTPUT LESS	EXPORTS AN
1934 1935	148.71 164.31	149.57 159.85	154.98 165.26	149,66 166,25	15 <b>9</b> .8 <b>3</b> 167.53	155.27 166.90
1936	172.83	167,66	173.77	177.75	176.34	181.54

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVES	LAGE OUTPUTS <sup>2</sup> /		
66,436	1,940	34,096	22,041	3,676	4,683
66,109	1,837	33,877	21,689	4,174	4,532
59,601	1,929	32,741	17,677	3,239	4,015
1,187	590	. <b>9</b>	1	58 <b>4</b>	3
1,085	508	. <b>9</b>		565	3
<b>941</b>	500	8		42 <b>9</b>	3
67,623	2,530	34,105	22,042	4,260	4,686
67,194	2,345	33,886	21,689	4,739	4,535
60,542	2,429	32,749	17,678	3,668	4,018
68,352	2,154	34,870	21,726	5,215	<b>4,3</b> 87
62,873	2,156	33,984	18,242	4,403	4,088
515,897 578,978 462,598	(3) 7,766 4,123 6,180	DELIVERIES TO E 412,734 441,528 339,864	LECTRIC BOILERS 82,783 106,581 110,351	(4) 12,245 26,362 5,879	369 384 324
3,483,178	23,519	2,529,703	700 <b>,9</b> 91	226, 5 <b>51</b>	2, <b>414</b>
3,074,672	17,653	2,201,37 <b>4</b>	712,233	140, <b>9</b> 87	2, <b>42</b> 5

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					A) The variables of the control of t
171.02 189.98	174.18 192.28	166.11 195.91	173.57 202.55	183.96 .201.83	191 .26 200 .91
DELIVERIES TO 155.51 170.48	ELECTRIC BOILERS 156.94 172.16	152,50 171,35	154,17 16 <b>9</b> ,14	155.47 167.77	159 46 166,90

No allowance is made for the effect of holidays. Sundays or Saturdays, etc New Brunswick only. 4/ Manitoba only.

Manth	1932	1933	1934	1935	1936
Month  January February March April May June Sub Total July August September October November December TOTAL	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 7,926,484 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191 15,862,987	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 8,084,949 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886 17,553,001	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 10,374,384 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940 21,159,530	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 11,380,094 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525 23,404,412	2,091,042 1,937,550 2,135,460 x2,164,287 2,083,045 2,028,695 12,440,079

#### EXPORTS TO THE UNITED STATES

61 767	48 018	100.485	113,878	118,050
*	,		·	110,684
,	*			125,921
,	*		,	125,496
*	,			x130,530
*	*	,		157,868
64,864	The second residence of the second se	- A CONTRACTOR OF THE PROPERTY	THE RESERVE OF THE PROPERTY OF	The second liverage and the se
340,803	304,620	602,496		768,549
59,015	119,192	105,8 <b>5</b> 6	93,348	
*	109,592	115,988	130,305	
	122,907	107,114	142,177	
Company of the second of the s	127,243	107,122	146,530	
	106,457	99,714	112,305	
	99,353	110,508	112,838	
667,880	989,364	1,248,798	1,364,587	
	59,015 69,192 71,500 50,737 35,023 41,610	52,422       46,440         55,414       45,343         54,982       35,272         51,354       42,874         64,864       86,673         340,803       304,620         59,015       119,192         69,192       109,592         71,500       122,907         50,737       127,243         35,023       106,457         41,610       99,353	52,422       46,440       102,151         55,414       45,343       112,115         54,982       35,272       63,105         51,354       42,874       111,000         64,864       86,673       113,640         340,803       304,620       602,496         59,015       119,192       105,856         69,192       109,592       115,988         71,500       122,907       107,114         50,737       127,243       107,122         35,023       106,457       99,714         41,610       99,353       110,508	52,422       46,440       102,151       109,524         55,414       45,343       112,115       103,957         54,982       35,272       63,105       97,475         51,354       42,874       111,000       94,256         64,864       86,673       113,640       107,994         340,803       304,620       602,496       627,084         59,015       119,192       105,856       93,348         69,192       109,592       115,988       130,305         71,500       122,907       107,114       142,177         50,737       127,243       107,122       146,530         35,023       106,457       99,714       112,305         41,610       99,353       110,508       112,838

January February March April May June Sub Total July August September October November December	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 6,197,750 897,727 946,029 985,948 1,054,670 1,117,840 1,092,474	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 5,995,060 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 7,118,420 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 7,678,339 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,415,147 1,299,627 1,389,638 1,355,475 x1,373,537 1,354,930 8,188,354
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 7

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch. G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JULY, 1936.

Central electric stations in Canada produced 2,020,855,000 kilowatt hours during July as against 2,028,695,000 kilowatt hours in June and 1,791,543,000 kilowatt hours in July last year. This was an increase of 12.8 per cent over the 1935 output. The index number, adjusted for seasonal variations, rose from 213.09 for June to 213.16, being second only to the April index number.

Exports to the United States amounted to 157,541,000 kilowatt hours, or 69 per cent more than in July last year. Deliveries of secondary power to electric boilers dropped from 515,897,000 kilowatt hours in June to 502,006,000 kilowatt hours and the consumption of firm power (all line losses included) increased from 1,354,928,000 kilowatt hours in June and 1,270,867,000 kilowatt hours in July 1935 to 1,361,308,000 kilowatt hours. The index number for firm power consumption rose to a new high at 182.61 which was 1.07 points above the previous record made in June.

1/8/36

		Maritime	parter Miller (Miller March Straff) - I refer a manufacture (Miller Miller Mill	adamentalis Salamini Statement (1964) (1964) (1964) (1964) (1964) (1964) (1964) (1964) (1964) (1964) (1964) (1964)	Prairie	British
	Total	Provinces	Quebec	Ontario	Provinces	Columbi
			MONTHLY OUT	PUTS		
Generated by M	Water Power		Service William Control Control Advantage Technology	Dark - 4. 110		
July, 1936	1,986,291	56,371	1,028,073	635,842	116,304	149,70
June, "	1,993,081	58,209	1,022,875	661,222	110,291	140,48
July, 1935	1,762,748	56,564	979,105	499,736	102,789	124,5
Generated by 1		* * ^ ^ ^	200	7.0	10 107	
July, 1936	34,564	15,964	298	36	18,187	
June, "	35,614	17,700	285	<b>E7</b>	17,507	
July, 1935	28,796	15,467	265	36	12,936	•
Total Output	2 020 955	72,335	1,028,371	635,878	134,491	149,7
July, 1936	2,020,855 2,028,695	75,909	1,023,160	661,259	127,798	140,5
June, "July, 1935	1,791,543	72,031	979, 370	499,772	115,725	124,6
	1,01,010	, ~ , 001	21095.0	2209		
Total to Date						
1936	14,460,934	464,403	7,374,733	4,589,970	1,083,627	948,2
1935	13,171,638	462,218	7,130,565	3,801,627	912,749	864,4
				1/		
	•	PRO	DVINCIAL CONS	JMPTIONS 1		
July, 1936	1,863,314	71,332	887,603	620,152	135,925	148,3
June, "	x 1,870,825	74,539	983,234	644,721	129,086	x 139,2
July, 1935	1,698,195	70,773	765,661	621,431	117,108	123,2
	,,	,				
Total to Date						
1936	13,534,845	456,407	6,203,519	4,843,378	1,093,736	937,8
1935	12,451,206	453,307	5,578,705	4,642,284	922,681	854,2
San California - San La California (La La L	<u>nada enadal. Wore, "pro-el.</u> Parki Palago, palago, and	nag radinaridi. Hermatianidaniligan ya tezarridi fi ili "AAA".	der Deutschleiten der Stellen und der Bereitste und der Gestellen	and Space and the State of Sta	and the second s	INDEX NUME
		February	March	April	May	June

					-	A CONTRACTOR OF THE PROPERTY O
	January	February	March	April	May	June
The state of the s	·					TO
1934 1935 1936	164.21 191.57 199.02	167.31 186.90 193.88	174.90 189.13 207.81	172.79 191.43 220.25	182.54 191.74 207.69	179.47 190.77 213.09
					OUTPUT LES	S EXPORTS
1934 1935 <b>19</b> 36	148.71 164.31 172.89	149,57 150,85 167,66	154,98 165,26 173,77	149.66 166.25 177.75	159.83 167.53 176.34	155.27 166.90 181.54

<sup>1/</sup> Production plus provincial imports less provincial exports.

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Total	Provinces	Quebec	Ontario	Provinces	Columbia
		DAILY AVER	AGE OUTPUTS 2/		
64,074	1,818	33,164	20,511	3,752	4,829
66,436 56,863	1,940	34,096 31,584	22,041 16,121	3,676 3,316	4,683 4,018
1,115	515	9	1	58 <b>7</b>	3
1,187 <b>9</b> 28	590 49 <b>9</b>	<b>9</b> 8	1	584 417	3 3
65,189	2,333	33,173	20,512	4,339	4,832
67,623 57,792	2,530 2,324	34,105 31,544	22,042 16,137	4,260 3,733	4,686 4,021
67,892	2,180	34,623	21,549	5,087	4,452
62,130	2,180	33,635	17,932	4,305	4,078
	(3)	DELIVERIES TO	ELECTRIC BOILER	<u>(4)</u>	
502,006	5,089	415,106	65,055	16,376	380 <b>3</b> 69
515,897 427,328	7,766 5,642	412,734 310,078	82,78 <b>3</b> 96,637	12,245 14,645	326
	·				
3,985,184	28,608	2,944,809	766,046	242,927	2,794
3,502,000	23, 295	2,511,452	808,870	155,632	2,751
(Average, 192	6 - 100)	and the second of the second o			
July	August	September	00 50 CT	November	December of the second of the
Ollublin	THE SECTION OF THE PROPERTY OF				

July	August	September	QC 200COL	November	December
OUTPUT 171.02 188.98 213.16	174.18 192.28	166.11 195.91	173.57 202.55	183,96 201,83	<u>191,26</u> 200,91
DELIVERIES	TO ELECTRIC BO	ILERS	en een di "to 1"O	155.47	159.46
155.51 170.48 182.61	156.94 172.16	152, 50 171, 35	154.17 169.14	167.77	166 o 90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 3/ New Brunswick only: 4/ Manitoba only:

Month

130%	T300	1304	1900	1330
1,413,918	1.396.661	1.725 264	2.012.742	2,091,04
				1,937,55
				2,135,46
				x2,164,28
				2,083,04
	*			2,028,69
		-		2,020,85
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the contract of the contract o				PROPERTY SHEET PARK
10,002,90!	11,000,001	21,109,550	20,404,412	The second of th
	EXPORT	S TO THE UNITED	STATES	
61,767	48.018	100,485	113.878	118,05
	· ·			110,68
	_	_		125,92
	_	*		125,49
	_		**	x130,53
		_	157,8	
_		-		157,54
			The second secon	926,09
		The state of the s		The second second second second
	-	Control of the Contro		
	-			
41,610	*	_		
667,880	989,364	the state of the s	The second of th	hannanjavettampanaktyr myz zbrang caspjaneg.cs
Olimpiim			Callet Groups 1996 (gryps 1995; gryps Mallionalphology 1994, Styley Ameliani, 1935; gryps (gryps)	, weeks visit english salaming on Gare dame, well a salam d
	DEDO EATORIO AN	D DELIVERIES TO	ELECTRIC BUILERS	,
1,124,045	1,052,123	1,216,922	1,344,646	1,415,14
1,051,063	949,956	1,117,047	1,1 <b>9</b> 3,820	1,299,62
1,089,190	1,012,774	1,239,377	1,321,545	1,389,63
	and the later and			
1,011,222	959, 51 <b>3</b>			1,000,4/
995,125	959,513 1,014,092	1,141,203 1,244,982	1,304,893	1,355,47 x1,373,53
9 <b>9</b> 5,125 927,105	1,014,092 1,006,602	1,244,982 1,158,889	1,304,893	x1,373,53
995,125 927,105 897,727	1,014,092	1,244,982 1,158,889 1,159,301		x1,373,53 1,354,92
995,125 927,105 897,727 7,095,477	1,014,092 1,006,602 1,045,695 7,040,755	1,244,982 1,158,889	1,304,893 1,245,659	x1,373,53 1,354,92 1,361,30
995,125 927,105 897,727 7,095,477 946,029	1,014,092 1,006,602 1,045,695	1,244,982 1,158,889 1,159,301	1,304,893 1,245,659 1,270,867 8,949,206	x1,373,53 1,354,92 1,361,30
995,125 927,105 897,727 7,095,477	1,014,092 1,006,602 1,045,695 7,040,755	1,244,982 1,158,889 1,159,301 8,277,721	1,304,893 1,245,659 1,270,867 8,949,206 1,306,710	x1,373,53 1,354,92 1,361,30
995,125 927,105 897,727 7,095,477 946,029 985,948 1,054,670	1,014,092 1,006,602 1,045,695 7,040,755 1,099,524 1,106,841 1,189,454	1,244,982 1,158,889 1,159,301 8,277,721 1,191,218	1,304,893 1,245,659 1,270,867 8,949,206	x1,373,53 1,354,92 1,361,30
995,125 927,105 897,727 7,095,477 946,029 985,948	1,014,092 1,006,602 1,045,695 7,040,755 1,099,524 1,106,841	1,244,982 1,158,889 1,159,301 8,277,721 1,191,218 1,173,190 1,290,580	1,304,893 1,245,659 1,270,867 8,949,206 1,306,710 1,317,312 1,415,896	x1,373,53 1,354,92 1,361,30
995,125 927,105 897,727 7,095,477 946,029 985,948 1,054,670	1,014,092 1,006,602 1,045,695 7,040,755 1,099,524 1,106,841 1,189,454	1,244,982 1,158,889 1,159,301 8,277,721 1,191,218 1,173,190	1,304,893 1,245,659 1,270,867 8,949,206 1,306,710 1,317,312	x1,373,53
	667,880 <u>OUTPUT</u> 1,124,045 1,051,063 1,089,190	1,413,918	1,413,918	1,413,918

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Minister of Trade and Commerce

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

57-C

No. 8

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### AUGUST, 1936

The output of central electric stations in Canada for August amounted to 2,020,100,000 kilowatt hours, or 9.1 per cent above the output last year. The decrease from July was in secondary power and the index for output less exports and deliveries to electric boilers reached a new high point at 182.85.

Exports to the United States dropped from 157,543,000 kilowatt hours in July to 143,350,000 kilowatt hours and deliveries of secondary power to electric boilers dropped from 502,006,000 kilowatt hours in July to 488,915,000 kilowatt hours. Both the Maritime Provinces and Ontario showed substantial decreases from last year in deliveries to electric boilers, but increases in Quebec, Manitoba and British Columbia more than offset these reductions and the total was up by 18 per cent.

22/9/36

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTH	LY OUTPUTS			
Generated by Wat	er Power					
August, 1936 July, " August, 1935	1,984,097 1,986,291 1,820,892	49,693 56,371 49,761	1,027,088 1,028,073 1,003,785	635,646 635,842 529,590	117,946 116,304 107,891	153,72 149,70 129,86
Generated by Fue	1					
August, 1936 July, " August, 1935	36,003 34,564 30,261	16,992 15,964 15,680	318 298 283	41 36 46	18,540 18,187 14,154	11
Total Output						
August, 1936 July, " August, 1935	2,020,100 2,020,855 1,851,153	66,685 72,335 65,441	1,027,406 1,028,371 1,004,068	635,687 635,878 529,636	136,486 134,491 122,045	153,83 149,78 129,98
Total to Date						
1936 1935	16,481,034 15,022,791	531,088 527,659	8,402,139 8,134,633	5,225,657 4,331,263	1,220,113	1,102,03
		PROVINCIA	L CONSUMPTION	NS 1/		
August, 1936 July, " August, 1935	1,876,750 x 1,863,313 1,720,848	65,774 71,332 64,160	884,727 x887,602 766,772	635,975 620,152 637,955	137,842 135,925 123,618	152,43 148,30 128,34
Total to Date						
1936 1935	15,411,593 14,172,054	522,181 517,467	7,088,245 6,345,477	5,479,353 5,280,239	1,231,579 1,046,299	1,090,23

TNDEX NUMB

					IN	DEX NOWBI
	January	February	March	April	May	June
						TO
1934 1935 1936	164.21 191.57 199.02	167.31 186.90 193.88	174.90 189.13 207.81	172.79 191.43 220.25	182.54 191.74 207.69	179.47 190.77 213.09
					OUTPUT LESS	EXPORTS !
1934 1985 1936	148.71 164,31 172.83	149.57 159.85 167.66	154.98 165.26 173.77	149.66 166.25 177.75	159.83 167.53 176.34	155.27 166.90 181.54

<sup>1/</sup> Production plus provincial imports less provincial exports.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERA	GE OUTPUTS <sup>2/</sup>		
64,0 64,0 58,7	74 1,818	33,132 33,164 32,380	20,505 20,511 17,084	3,804 3,752 3,480	4,959 4,829 4,189
1,1 1,1 9		10 9 9	1 1 1	598 587 457	3 3
65,16 65,16 59,7	39 2,333	33,142 33,173 32,389	20,506 20,512 17,085	4,402 4,339 3,937	4,963 4,832 4,192
67,54 61,82		34,435 33,476	21,417	5,000 4,258	4,516 4,092
	(3)	DELIVERIES TO EI	ECTRIC BOILERS	(4)	
488,91 502,00 414,13	1,157 5,089	404,645 415,106 304,742	67,044 65,055 96,263	15,645 16,376 10,903	424 380 338
4,474,09 3,916,13		3,349,454 2,816,194	833,090 905,133	258,571 166,535	3,218 3,089

(Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
171.02 188.98 213.16	174.18 192.28 209.83	166.11 195.91	173.57 202.55	183.96 201.83	191.26 200.91
DELIVERIES TO	ELECTRIC BOILERS			•	
155.51 170.48 182.61	156.94 172.16 182.85	152.50 171.35	154.17 169.14	155.47 167.77	159.46 166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month constructions and antiques	1932	1933	1934	1935	1936
January	1,413,918	1,396,661	1,725,264	2,012,742	2,091,042
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,287
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
Sub Total	11,312,285	11,035,822	13,672,563	15,023,791	16,481,034
September	1,279,140	1,489,322	1,627,289	1,919,213	
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	الوائيلي الأن في الرائيل الرائيل الرائيلي الرائيلي الوائيلي الرائيلي الرائ

#### EXPORTS TO THE UNITED STATES

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January February March April May June	61,767 52,422 55,414 54,982 51,354 64,864	48,018 46,440 45,343 35,272 42,874 86,673	100,485 102,151 112,115 63,105 111,000 113,640	113,878 109,524 103,957 97,475 94,256 107,994	118,050 110,684 125,921 125,496 130,530 157,870
July August	59,015 69,192	119,192 109,592	105,856 115,988	93,348 130,305	x157,543 143,350
Sub Total	469,010	533,404	824,340	850,737	1,069,444
September	71,500	122,907	1.07, 1.1.4	142,177	
November	50,737 35,023	127,243	107,122	146,530	
December	41,610	106,457 99,353	99,714 110,508	112,305 112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	and the same desired to the same and

S. S. Care S. Commission of the Commission of th	The same of the sa	week to the control of the control o	give to the remaining of the case of a second		
January February March April	1,124,045 1,051,063 1,089,190 1,011,222	1,052,123 949,956 1,012,774 959,513	1,216,922 1,117,047 1,239,377 1,141,203	1,344,646 1,193,820 1,321,545 1,267,776	1,415,147 1,299,627 1,389,638 1,355,475
May	995,125	1,014,092	1,244,982	1,304,893	1,373,537
June	927,105	1,006,602	1,158,889	1,245,659	1,354,928
Jul.y	-897,727	1,045,695	1,159,301	1,270,867	xl, 361, 307
August	946,029	1,099,524	1,191,218	1,306,710	1,387,835
Sub Total	8,041,506	8,140,279	9,468,939	10,255,916	10,937,494
September	985,948	1,106,841	1,173,190	1,317,312	12371
October	1,054,670	1,189,454	1,290,580	1,415,896	
November	1,117,840	1,192,494	1,292,686	1,394,955	
December	1,092,474	1,193,359	1,348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	And the party of the same of t

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 9

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### SEPTEMBER, 1936

The output of central electric stations in Canada increased from 1,919,213,000 kilowatt hours in September, 1935, to 2,041,679,000 in September, 1936, or by 6.4 per cent, and on a daily basis it was 4.4 per cent above the August 1936 output. This increase over August, however, was less than the usual seasonal increase and the index number dropped from 209.83 to 208.41.

Exports to the United States declined from 143,342,000 kilowatt hours in August to 125,127,000 kilowatt hours, deliveries of secondary power to electric boilers increased from 488,915,000 kilowatt hours in August to 496,269,000 kilowatt hours, and the consumption of firm power (losses included) in Canada increased to a new high point of 1,420,284,000 kilowatt hours. This increased the index number to 184.62 as against 182.85 for August, the previous high record, and 171.35 for September last year.

Li Burke i Kidh-Albanderia rilassa van rilas Surviva i de la companya del companya de la companya de la companya del companya de la companya del companya de la companya de la companya de la companya de la companya del companya de la companya de la companya de la companya de la companya del companya	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbi
		M	ONTHLY OUTPUT	.s		
Generated by Wa	ter Power	- Prince - P	And Address		Barrier of the state of the sta	
Sept., 1936 August, " Sept., 1935	2,003,690 1,984,097 1,888,012	52,254 49,693 44,442	1,031,592 1,027,088 1,045,369	633,435 635,646 546,865	135,045 117,946 124,220	151,3 153,7 127,1
Generated by Fu	el.					
Sept., 1936 August, " Sept., 1935	37,989 36,003 31,201	17,704 16,992 15,963	317 318 263	42 41 38	19,784 18,540 14,849	down of down o
Total Output	1					
Sept., 1936 August, " Sept., 1935	2,041,679 2,020,100 1,919,213	69,958 66,685 60,405	1,031,909 1,027,406 1,045,632	633,477 635,687 546,903	154,829 136,486 139,069	151,5 153,8 127,2
Total to Date						
1.936 1.935	18,522,713 16,942,004	601,046 588,064	9,434,048 9,180,266	5,859,134 4,878,166	1,374,942	1,253,5
		PROVI	NCIAL CONSUME	TIONS1/		
Sept., 1936 August, " Sept., 1935	1,916,553 x1,876,759 1,777,036	68,936 65,774 59,125	887,462 884,727 801,002	653,864 x635,984 650,675	156,327 137,842 140,719	149,9 152,4 125,5
Total to Date						
1936 1935	17,328,155 15,949,090	591,117 576,592	7,975,707	6,133,226 5,930,914	1,387,906	1,240,1

#### INDEX NUMBE

// V673: rev670 1 7 /					BANKE COMMAN	
. ***** * *** * * * * * * * * * * * * *	. J. W. WITT	February	March	Averl	May	June
						TOTA
1934	164,21	267.31	174.90	172.79	182,54	179.4
1935	191 97	146 90	189 13	191.43	191.74	190.7
1936	199.02	, W3088	201.81	220.25	207.69	213.09
					OUTPUT LESS	EXPORTS A
1934	148.71	149.57	111 99	149.66	1.59,83	155.2
1935	164.31	159.85	165,26	166.25	167.53	166.90
1936	172.83	167.66	173.77	177.75	176.34	181.54

<sup>1.</sup> Enduction olde profincial imports less privincial experts.

Revised.

and the same of th	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAG	GE OUTPUTS <sup>2</sup> /		
	66,789	1,742	34,386	21,115	4,501	5,045
	64,003	1,603	33,132	20,505	3,804	4,959
	62,934	1,481	34,846	18,229	4,141	4,237
	1,266	590	11	1	659	5
	1,161	548	10	1	598	4
	1,040	5 <b>32</b>	9	1	495	3
	68,055	2,332	34,397	21,116	5,160	5,050
	65,164	2,151	33,142	20,506	4,402	4,963
	63,974	2,013	34,855	18,230	4,636	4,240
	67,601 62,059	2,194 2,154	34,431 33,627	21,384	5,018 4,300	4,575 4,109
		(3)	ELIVERIES TO EL	ECTRIC BOILERS	(4)	
	496,269	3,543	404,154	60,979	27,144	449
	488,915	1,157	404,645	67,044	15,645	424
	459,724	1,419	337,569	99,256	21,149	331
	4,970,368	<b>33,30</b> 8	3,753,608	8 <b>94</b> ,069	285,716	3,667
	4,375,862	26,606	3,153,763	1,004,389	187,684	3,420

(Average, 1926 = 100)

NEOD				the Parameters by 1 of 25th and 2 th an	bull and the Treatment of Straight Vision Co.	
	July	August	September	October	November	December
	0UTPUT 171.02 188.98 213.16	174.18 192.28 209.83	166.17 195.91 208.41	173.57 202.55	<b>183.9</b> 6 202.83	<u>191.26</u> 200.9.
	DELIVERIES TO	ELECTRIC BOILE	RS			
	155.51 170.48 182.61	156.94 172.16 182.85	152.50 171.35 184.62	154.17 169.14	155.47 167.77	159.46 166.90

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc

3/ New Brunswick only. 4/ Manitoba only.

Month	1932	1933	1934	1935	1936
January February	1,413,918	1,396,661 1,299,580	1,725,26 <b>4</b> 1,614,425	2,012,742 1,80 <b>3,</b> 447	2,091,042 1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	2,135,460
April	1,329,489	1,296,805	1,697,909	1,881,029	2,164,287
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
September	1,279,140	1,489,322	1,627,289	1,919,213	2,041,679
Sub Total	11,591,425	12,525,144	15,299,852	16,942,004	18,522,713
October	1,390,144	1,617,608	1,853,226	2,162,569	
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January	63 767	40 010	100 405	117 070	170 050
•	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94,256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93, 348	157,543
August	69,192	109,592	115,988	130,305	x143,342
September	71,500	122,907	107,114	142,177	125,127
Sub Total	540,510	656,311	931,454	992,914	1,194,563
October	50,737	127,243	107,122	146,530	
November	35,023	106,457	99,714	112,305	
December	41,610	99.353	110,508	112,838	
TOTAL	667.880	989,364	1,248,798	1,364,587	

January February March April May June July August September	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312	1,415,147 1,299,627 1,389,638 1,355,475 1,373,537 1,354,928 1,361,307 x1,387,843 1,420,284
Sub Total October November December	9,027,454 1,054,670 1,117,840 1,092,474	9,247,120 1,189,454 1,192,494 1,193,359	10,642,129 1,290,580 1,292,686 1,348,205	11,573,228 1,415,896 1,394,955 1,411,097	12,357,786
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 10

Dominion Statistician, R.H. Coats, IL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1936

Central electric stations in Ganada produced 2,378,399,000 kilowatt hours during October which was the largest output of any month on record and the index number adjusted for seasonal variations was also a new high, reaching 225.53 as against 211.00 for September, 205.07 for October last year and 222 99 the previous high made in April this year.

The consumption in Canada, or total cutput less exports and deliveries of secondary power to electric boilers, also created a new high record at 1,630,139,000 kilowatt hours and the index number rose to 194 73, as against 184 33 for September, the previous high record. Exports to the United States amounted to 129,323,000 kilowatt hours, increasing from 125,127,000 kilowatt hours for September Deliveries of secondary or off-peak and surplus power to electric boilers rose from 498,474,000 kilowatt hours in September to 18,936,000 kilowatt hours.

The index number for total output has been corrected; the increase is the same ercentage throughout. Also the deliveries to electric boilers for 1936 have been revised hich in turn necessitated a revision of the index numbers of the total output less and deliveries to electric boilers.

ter til sentre gjende kriger og framtige med stil til former stjende framtisk sentre fler sentre stil til sentre stil sent	Total	Maritime Provinces	Quebs:	Ontario	Prairie Provinces	British Columbia
		MONTHLY	OUTPUTS			
Generated by Wat	er Power					
Oct., 1936 Sept., 1936 Oct., 1935	2,335,819 2,003,690 2,122,992	59,616 58,254 48,871	1,270.42° 1.081,592 1,1°6,333	687,831 633,435 626,559	163,499 135,045 137,698	154,44 151,36 135,57
Generated by Fue	rage of the state					
Oct., 1936 Sept., 1936 Oct., 1935	42,580 x 37,990 39,577	20,147 17,704 17,933	<b>326</b> <b>31</b> 7 <b>28</b> 0	48 x 43 61	21,937 19,784 21,149	14 14
Total Output						
Oct , 1936 Sept , 1936 Oct , 1935	2,378,399 x 2,041,680 2,162,669	79,768 869 959 64,711	1,270,755 x1,081,908 1,176,633	667,879 *633,478 626,620	185,436 154,829 158,847	154,56 151,50 135,72
Total to Date 1936 1935	20,901,116	660,810	10,704,802 10,356,899	6,547, <b>014</b> 6,504,786	1,560,378	1,408,11 1,257,3
		PROVINCIAL (	CONSUMPTIONS1/	1		
Oct., 1936 Sept., 1936 Oct., 1935	2,249,0 5 1,916,553 2,016,039	78,438 68,936 <b>63,761</b>	1,122,385 887,462 940,676	708,296 653,864 717,072	187,072 156,327 160,457	152,88 149,96 134,0°
Total to Date	19,5 °7,230	669,555 640,353	9,098,092 8,087,155	6,841,522 6,647,986	1,574,978 1,347,475	1,393,08

### INDEX NUMBE

					- Contraction of the Contraction		
ANTELLE ME PER LOS COSTANTES TRANSPORTES EN LES TRESPONDENTS EN LOS GLAS CONTRACTOR DE LOS CONTRACTOR	January	February	March	Aprol	May	Ju	ne
						Tx	01
1934 x	166.25	169.39	177.07	174.93	184.81	181	
11935 x	193.95	189.22	191.48	193.80	194.12	193	
1936 x	201.49	196.28	210.39	222.99	210.27	215	07
					OUTPUT LESS	EXPORTS	3 1
1934	148.71	149.57	154.98	149.66	159.83	155	508
3 9 3 5	164.31	259.85	165.26	166 25	167.53	166	505
1936 x	172.64	167.74	173.48	177.46	176.02	181	.06

Production plus provincial imprime less previncial exports

x - Revised.

	Maritime	The magnetic restriction of the contract of th			
Total	Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAG		1207111069	COLUMNIA
75,349	1,742	40,982	22,188	5,274	4,982
66,789		34,386	21,115	4,501	5,045
68, <b>4</b> 84		37,947	20,212	4,442	4,373
1,374	590	10	2	708	- 4
1,266		11	1	659	5
1,277		9	2	682	5
76,723	2,332	40,992	22,190	5,982	4,986
68,055		34,397	21,116	5,160	5,050
69,761		37,956	20,21 <b>4</b>	5,124	4,378
68,528	2,232	35,098	21, <b>4</b> 65	5,116	4,617
<b>62,844</b>	2,147	34,069	18,108	4,384	4,136
618,936 x498,474 600,143	(3) 4,961 3,543 445	ELIVERIES TO ELE 496,953 x406,359 445,043	71,153 60,979 123,502	(4) 45,385 27,144 30,716	484 449 437
5,608,692	38,269	4,269,947	965,223	331,102	4,151
4,975,005	27,051	3,598,806	1,127,891	218,400	3,857

werage, 1926 = 100)

-					
July	August	September	October	November	December
UTPUT					
173,14 191,32 215,81	176,34 194,6" 212,44	168.18 198.34 211.00	175.73 205.07 225.53	186.24 204.34	198.63 203.40
ELIVERIES TO	ELECTRIC BOILER	S			
155.51 170.48 182.32	156.94 172.16 182.67	152.50 171.35 184.33	154 .17 169 14 194 //3	155.47 167.77	159.46 166.90

<sup>/</sup> No allowance is made for the effect of helidays, Sundays or Saturdays, etc.
/ New Brunswick only.

4/ Manitoba only.

Month	1932	1933	1934	1935	1936
AND A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL					
January	1,413,918	1,396,661	1,725,264	2,012,742	x 2,091,043
February	1,325,133	1,299,580	1,614,425	1,803,447	1,937,550
March	1,388,697	1,371,060	1,797,334	1,943,555	x 2,135,461
April	1,329,489	1,296,805	1,697,909	1,881,029	x 2,164,288
May	1,271,015	1,349,942	1,830,820	1,923,071	2,083,045
June	1,198,232	1,370,901	1,708,632	1,816,250	2,028,695
July	1,155,581	1,442,657	1,621,314	1,791,544	2,020,855
August	1,230,220	1,508,216	1,676,865	1,851,153	2,020,100
September	1,279,140	1,489,522	1,627,289	1,919,213	x 2,041,680
October	1,390,144	1,617,608	1,853,226	2,162,589	2,378,399
Sub Total	12,981,569	14,142,752	17,153,078	19,104,573	20,901,11,6
November	1,448,227	1,702,363	1,953,512	2,143,314	
December	1,433,191	1,707,886	2,052,940	2,156,525	
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	

#### EXPORTS TO THE UNITED STATES

January	61,767	48,018	100,485	113,878	118,050
February	52,422	46,440	102,151	109,524	110,684
March	55,414	45,343	112,115	103,957	125,921
April	54,982	35,272	63,105	97,475	125,496
May	51,354	42,874	111,000	94, 256	130,530
June	64,864	86,673	113,640	107,994	157,870
July	59,015	119,192	105,856	93,348	157,543
August	69,192	109, 592	115,988	130,305	143,342
September	71,500	122,907	107,114	142,177	125,127
October	50,737	127,243	107,122	146,530	129,323
Sub Total	591,247	783,554	1,038,576	1,139,444	1,323,886
November	35,023	106,457	99,714	112,305	
December	41,610	99,353	110,508	112,838	
TOTAL	667,880	989,364	1,248,798	1,364,587	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May Lune July August September	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312	x 1,412,763 x 1,297,444 x 1,387,333 x 1,353,265 x 1,371,086 x 1,352,796 x 1,359,153 x 1,386,481 x 1,418,078
October	1,054,670	1,189,454	1,290,580	1,415,896	1,630,139
Sub Total	10,082,124	10,436,574	11,932,709	12,989,124	13,968,536
November December	1,117,840 1,0 <b>9</b> 2,474	1,192,494 1,193,359	1,292,686 1,348,205	1,394,955 1,411,097	

TOTAL

Published by Authority of HON. W.D. EULER, M.P., J. P. W. D. Minister of Trade and Commerce

HENNESTER THE

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL D, F.R S C, F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### NOVEMBER, 1936

The output of central electric stations in Canada for November amounted to 2,261,090,000 kilowatt hours and the index number declined from 225.73 for October to 215.56. The fifth Sunday in November probably lowered the index 3 to 4 points. On a daily basis Quebec stations showed a decline from October output of 4.6 per cent and British Columbia stations were down by 11.8 per cent, but stations in the Maritime Provinces, Ontario and the Prairie Provinces all showed increases.

Deliveries of secondary power increased from 618,109,000 kilowatt hours in October to 654,015,000 kilowatt hours and exports to the United States declined from 129,323,000 kilowatt hours to 126,039,000 kilowatt hours.

Total output less exports and deliveries to electric boilers declined from 1,633,065,000 kilowatt hours in October to 1,481.036,000 kilowatt hours and the index number dropped to 178.12.

!2/12/36

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MON	THLY OUTPUTS			
Generated by Wat	ter Power	COLT. Office, SIGN, of	A ACT TO THE A STATE OF THE PROPERTY OF THE PR			
Nov., 1936 Oct., 1936 Nov., 1935	2,218,539 x2,337,918 2,101,951	59,642 59,616 48,977	1,172,595 1,270,427 1,104,144	696,049 <b>x689,930</b> 670,402	159,017 163,499 148,888	131, 23 154, 44 134, 54
Generated by Fue	21				The second secon	
Nov., 1936 Oct., 1936 Nov., 1935	42,551 42,580 41,363	19,597 20,147 19,067	317 326 271	22 48 65	21,853 21,937 21,791	12
Total Output						
Nov., 1936 Oct., 1936 Nov., 1935	2,261,090 x2,380,498 2,143,314	79,239 79,763 63,044	1,172,910 1,270,753 1,104,415	696,071 x689,978 670,467	180,870 185,436 170,679	132,00 154,56 134,70
Total to Date						
.936 935	<b>23</b> ,167,895 <b>21</b> ,247,887	760,049 715,852	11,877,710	7,248,754 6,175,253	1,741,248 1,503,389	1,540,11
		PROVINCIAL CONSUMPTIONS1/				
Mov., 1936 Oct., 1936 Nov., 1935	2,131,777 x2,251,174 2,031,009	77,631 78,438 62,095	1,020,040 1,122,385 946,489	724,460 x71.0,395 71.7,085	179,283 187,072 172,351	130,36 152,88 132,98
Total to Date	21,714,696 19,996,138	74 - JA6 702,448	10,118,152 9,055,644	7,571,672	1,754,261	1,523,44

#### INDEX NUMBE

					- Ballania	
	January	February	Mar. h	April	May	June
					The Control of the Co	TOI
934	166.25	169.39	177.07	174.93	194.81	181.70
935	193.95	189.22	191.48	193.80	194.12	193 1.4
936 x	201.54	196.32	210.43	223.02	210.30	2) 5 76
					OUTPUT LESS	EXPORTS A
1.934	148.71	149.57	154.98	149.56	159.83	155-27
2935	1.64.31	159.85	165.26	166.25	167.53	166.90
1936 x	172.69	167.80	173.54	177 51	176.07	181.29

Production plus provincial imports less provincia, exports.

\* Revised.

the state of the s	Maritime	-	220,000		
Total	Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERA	AGE OUTPUTS2/	And the second s	VOLUMOIA
73,951	1,988	39,086	23,202	5,301	4,374
x 75,416	1,923	40,982	x22,255	5,274	4,982
70,065	1,466	36,805	22,347	4,963	4,484
1,418	653	11	1	728	25
1,374	650	10	2	708	4
1,379	636	9	2	726	6
75,369	2,641	39,097	23,203	6,029	4,399
x 76,790	2,573	40,992	*22,257	5,982	4,986
71,444	2,102	36,814	22,349	5,689	4,490
69,158	2,269	35,456	21,638	5,198	4,597
63,612	<b>2,14</b> 3	34,315		4,501	4,168
654,015 x618,109 636,054	(3) 5,002 4,961	VERIES TO ELECT 517,446 496,953 467,297	80,489 *70,326 125,129	(4) 50,483 45,385 43,152	595 484 476
6,261,880	43,271	4,787,393	1,044,885	381,585	4,746
5,612,059	27,051	4,066,103	1,253,020	261,552	4,333

verage, 1926 = 100)

the state of the state of the state of					
July	August	September	October	November	December
UTPUT					
173.14 191.32 215.84	176.34 194.67 212.47	168.18 198.34 211.08	178 73 205.07 225.73	186 .24 204 .34 215 .56	193.63 203.40
IVERIES TO I	ELECTRIC BOILERS				
155.51 170.48 182.36	156.94 172.16 182.71	152.50 171.35 184.42	154.17 169.14 195.08	155.47 167.77 178.12	159.46 166.90

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.

4/ Manitoba only.

### EXPORTS TO THE UNITED STATES

OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

	OUTPUT LI	ESS EXPURTS AND	DELIVERIED TO	EGEOTICIO SOTINDIA	(x)
January Tebruary March April May June July August September October November	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,189,454	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955	1,413,216 1,297,872 1,387,756 1,353,605 1,371,404 1,353,081 1,359,445 1,386,797 1,418,811 1,633,065 1,481,036
Sub Total	11,199,964	11,629,068	13,225,395	14,384,079	15,456,088
December	1,092,474	1,193,359	1.348,205	1,411,097	
TOTAL	12,292,438	12,822,427	14,573,600	15,795,176	

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Minister of Trade and Commerce

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### DECEMBER, 1936

Central electric stations in Canada produced 2,324,915,000 kilowatt hours in December, as against 2,156,525,000 kilowatt hours in December, 1935, and 2,261,979,000 kilowatt hours in last November, raising the index number from 215.65 for November to 219.28, the second highest yet attained.

Exports to the United States rose to 128,070,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 660,960,000 kilowatt hours. The latter was exceeded only in April, 1936. Total output less exports and secondary power delivered to boilers increased from 1,411,097,000 kilowatt hours in December, 1935, to 1,535,884,000 kilowatt hours, or by 8.8 per cent.

The total output for the year reached a new high at 25,493,474,000 kilowatt hours. This was 2,089,062,000 kilowatt hours or 8.9 per cent above the 1935 output and 61 per cent over the 1932 output. The low point after the 1929-30 slump was reached in July, 1932.

Exports to the United States rose from 1,364,587,000 kilowatt hours in 1935 to 1,578,107,000 kilowatt hours. This was exceeded in 1927, 1928 and 1930. Secondary power delivered to electric boilers also reached a new high point at 6,922,840,000 kilowatt hours, which was 27 per cent of the total output and 10.9 per cent above the 1935 output of secondary power.

Consumption of firm power in Canada, or total output less exports and secondary power, amounted to 16,992,515,000 kilowatt hours, an increase of 1,197,339,000 kilowatt hours or 7.6 per cent over the 1935 firm power consumption and the high yet recorded.

Smill stations which do not report monthly produce less than a fifth of one percent of the total and consequently have little effect on total figures.

T was the street the street to	M-1-7	Maritime	Quebec	Ontario	Prairie Provinces	British Columbia
	Total	Provinces	Grapac	On vario	110/111000	
		MONT	HLY OUTPUTS			
Generated by Wat	er Power					
Dec., 1936 Nov., 1936 Lec., 1935	2,283,384 x 2,219,428 2,117,404	61,963 59,642 44,149	1,227,435 x1,172,683 1,100,864	704,988 x696,848 681,644	166,080 159,017 156,681	122,918 131,238 134,066
Generated by Fue	2					
Dec., 1936 Nov., 1936 Dec., 1935	41,531 42,551 39,121	18,150 19,597 17,355	345 317 141	40 22 50	21,972 21,853 21,452	1,024 762 123
Total Output						
Dec., 1936 Nov., 1936 Dec., 1935	2,324,915 x 2,261,979 2,156,525	80,113 79,239 61,504	1,227,780 x1,173,000 1,101,005	705,028 x696,870 681,694	188,052 180,870 178,133	123,942 132,000 134,189
Total to Date						
1936 1935	25,493,474 23,404,412	840,162 777,356	13,105,590 12,562,319	7,954,603 6,856,947	1,929,055	1,664,064 1,526,268
		PROVINCIAL	CONSUMPTIONS	1/		
Dec., 1936 Nov., 1936 Dec., 1935	2,196,844 2,131,777 2,043,688	78,533 77,631 60,536	1,047,193 1,020,040 925,472	759,205 724,460 745,410	190,004 179,283 179,643	121,909 130,363 132,627
Total to Date						
1936 1935	23,911,306 22,039,826	825,719 762,984	11,165,325 9,959,116	8,330,877 8,110,481	1,944,021	1,645,364 1,507,776

INDEX NUMBER June March April May January February TOT 184.81 181.70 1934 166.25 169.39 177.07 174.93 193.14 194,12 1935 193.95 189.22 191.48 193.80 215.76 201.54 196.32 210.30 1936 x210.40 223.02 OUTPUT LESS EXPORTS A 155.27 1934 148.71 149.57 154.98 149.66 159.83 166,90 167.53 1935 164.31 159.85 165.26 166.25 1936 172.69 167.80 x173.51 177.51 176.07 181.29

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVE	RAGE OUTPUTS 2/		The state of the s
73,658 x 73,981 68,303	1,999 1,988 1,424	39,595 * 39,089 35,512	22,742 × 23,228 • 21,988	5,357 5,301 5,054	3,965 *4,375 4,325
1,339 1,418 1,262	585 653 560	11 11 4	. 1 . 2	709 728 <b>6</b> 92	33 25 4
74,997 x75,399 69,565	2,584 2,641 1,984	39,606 x39,100 35,516	22,743 x23,229 21,990	6,066 6,029 5,746	3,998 x 4,400 4,329
69,654 64,122	2,295 2,130	35,808 34,417	21,734 18,786	5,270 4,607	4,547 4,182
	(3)	DELIVERIES TO	ELECTRIC BOILERS		
660,960 654,015 632,590	4,086 5,002 1,036	518,576 517,446 449,528	85,254 80,489 132,113	(4) 52,546 50,483 49,549	498 595 364
6,922,840 6,244,649	47,357 28,087	5,305,969 <b>4,515,631</b>	1,130,139 1,385,133	434,131 311,101	5,244 4,697

Average, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
173.14 191.32 215.84	176.34 194.67 212.47	168.18 198.34 211.08	175.73 205.07 225.73	186.24 204,34 x215.65	193.63 203.40 219.28
DELIVERIES TO	ELECTRIC BOILERS				
155,51 170,48 182,36	156 94 172 16 182 71	152 50 171 35 184 42	154 17 169 14 195 08	155.47 167.77 x178,22	159.46 166.90 181.66

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1932	1933	1934	1935	1936
February February March April May June July August September October November December	1,413,918 1,325,133 1,388,697 1,329,489 1,271,015 1,198,232 1,155,581 1,230,220 1,279,140 1,390,144 1,448,227 1,433,191	1,396,661 1,299,580 1,371,060 1,296,305 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,702,363	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,937,978 x 2,135,641 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 x2,042,423 x2,380,508 x2,261,979 2,324,915
TOTAL	15,862,987	17,553,001	21,159,530	23,404,412	25, 493, 474

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October November	61,767 52,422 55,414 54,982 51,354 64,864 59,015 69,192 71,500 50,737	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457	100,485 102,151 112,115 63,105 111,000 113,640 105,856 115,988 107,114 107,322 99,714	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305	118,050 110,684 125,921 125,496 130,530 157,870 157,543 143,342 125,127 129,323 x126,152
October November December	50,737 35,023 41,610	127,243 106,457 99,353	107,122 99,714 110,5 <b>0</b> 8	112,305 112,838	x126,152 128,0°0
TOTAL	667,880	989,364	1,248,798	1,364,58?	1,578,107

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

			The second secon	THE RESERVE AND THE PERSON OF REAL PROPERTY.	The second second second second
anuary February March April May June July August September October November December	1,124,045 1,051,063 1,089,190 1,011,222 995,125 927,105 897,727 946,029 985,948 1,054,670 1,117,840	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955	1,413,216 1,297,872 x1,387,512 1,353,605 1,371,404 1,353,081 1,359,445 1,386,797 x1,418,821 1,633,065 x1,481,813 1,535,884
December	1,092,474	1,193,359	1,348,205 14,573,600	1,411,09?	16,992,51

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Se.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JANUARY, 1937

The output of central electric stations for January amounted to 2,519,158,000 kilowatt hours as against 2,091,497,000 kilowatt hours for January, 1936. The index number, adjusted for seasonal variations, reached a new high at 223,47 despite the month containing five Sundays and five Saturdays, which are low production days, and no adjustment being made for the extra number of these days.

Deliveries of secondary power to electric boilers increased from 660,960,000 kilowatt hours in December to 701,742,000 kilowatt hours, the largest yet recorded.

Exports to the United States also increased from 128,070,000 kilowatt hours in December to 134,927,000 kilowatt hours, making the consumption of firm power in Canada (including line losses) 1,482,489,000 kilowatt hours. The index number for firm power consumption was 181,16, as compared with 181,76 for December and the record of 184,42 for September, 1936.

	The second control of	WORLD CARLES TO THE REAL PROPERTY OF THE PERTY OF THE PER				Contractor to the contractor of the contractor o
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MOI	NTHLY OUTPUTS			
Generated by Wate	r Power					
Jan., 1937 Dec., 1936 Jan., 1956	2,277,638 2,283,384 2,052,114	66,419 61,963 38,572	1,207,781 1,227,435 1,045,702	722,380 704,988 675,883	171,701 166,080 159,899	109,357 122,918 132,058
Generated by Fuel						
Jan., 1937 Dec., 1936 Jan., 1936	41,520 x 42,349 39,383	17,407 x18,151 17,587	325 345 284	24 40 65	22,295 x22,789 21,052	1,469 1,024 . 395
Cotal Output						
Jan., 1937 Dec., 1936 Jan., 1936	2,319,158 x2,325,733 2,091,497	83,826 x80,114 56,159	1,208,106 1,227,780 1,045,986	722,404 705,028 675,948	195,996 x188,869 180,951	110,826 123,942 132,453
		PROVINCIA	L CONSUMPTIONS	31/		
Jan., 1937 Dec., 1936 Jan., 1936	2,184,251 x2,197,662 1,973,446	81,959 78,533 55,234	1,031,299 1,047,193 865,741	766, 220 759, 205 739, 119	195,683 x190,822 182,486	109,070 121,909 130,866

#### INDEX NUMBER

					C * 2000	The same of the sa
	January	February	March	April	May	June
			e			TOTAL
1935	193.95	189.22	191.48	193.80	194 12	193.14
1936 1937	201.54 223.47	196.32	210,40	223.02	210.30	215.76
				QU	TPUT LESS E	XPORTS AN
1935 1936 1937	164.31 172.69 181.16	159.85 167.80	165°26 173°51	166°25 177°51	167.53 176.07	166.90 181.29

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERA	GE OUTPUTS <sup>2</sup> /		,
73,472 73,658 66,197	2,142 1,999 1,244	<b>38,961</b> <b>39,</b> 595 <b>33,</b> 732	25,502 22,742 21,803	5,539 5,357 5,158	5, 528 3, 965 4, 260
1,339 x 1,366 1,270	562 <b>x</b> 586 567	10	1 1 2	719 x 735 679	47 33 13
74,811 x75,024 67,467	2,704 x2,585 1,811	38,971 39,606 33,741	23,303 22,743 21,805	6,258 x6,092 5,837	3,575 3,998 4,273
		IVERIES TO ELEC	TRIC BOILERS		
701,742 660,960 560,230	(3) 4,086	556,995 518,576 379,405	89,496 85,254 128,894	(4) 54,741 52,546 51,586	510 498 345

(Average, 1926 - 100)

July	August	September -	October.	November	December
OUTPUT					
191.32 215.84	194.67 212.47	198.34 211.08	205.07 x216.25	204. 34 215. 65	203.40 x219.36
ELIVERIES TO EL	ECTRIC BOILERS				
170。48 182。36	172.16 182.71	171.35 184.42	169.14 x183.13	167.77 178.22	166.90 x181.76

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.

4/ Manitoba only.

Wonth	1933	1934	1935	1936	1937
January February March April May June July August September October November	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,937,978 x2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,042,423 x2,280,508 2,261,979 x2,325,733	2,319,158
TOTAL	17,553,001	21,159,530	23,404,412	x25,394,292	

#### EXPORTS TO THE UNITED STATES

anuary February March April May Fune July August September October November	48,018 46,440 45,343 35,272 42,874 86,673 119,192 109,592 122,907 127,243 106,457	100,485 102,151 112,115 63,105 111,000 113,640 105,856 115,988 107,114 107,122 99,714	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530	118,050 110,684 125,921 125,496 130,530 157,870 157,543 143,342 125,127 129,323 126,152	134,927
November December	106,457 99,353	110,508	112,838	128,070	
TOTAL	989,364	1, 248, 798	1,364,587	1,578,107	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May June July August September October November December	1,052,123 949,956 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,413,216 1,297,872 1,387,512 x1,353,606 1,371,404 1,353,081 1,359,445 1,386,797 1,418,821 x1,533,075 1,481,813 x1,536,702	1,482,489
TOTAL	12,822,427	14,573,600	15, 795, 176	x16,893,344	

x Revised

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### FEBRUARY, 1937

The output of central electric stations for February was 2,147,635,000 kilowatt hours or 11 per cent over the output of February, 1936, despite the extra day last year and, after adjustment for the variations in days and other seasonal factors, the index number reached a new high point at 225.33.

Exports to the United States increased from 134,931,000 kilowatt hours in January to 138,042,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 666,261,000 kilowatt hours.

Total output less exports and secondary power delivered to electric boilers amounted to 1,347,331,000 kilowatt hours and the index number was 180.41, which was slightly below those for June to October last year

د کر انتخاب الحد المواد الحديث و المراسود المواد	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MÖNÜ	HLY OUTPUTS			
Generated by Wat	er Power				7	
r. 1927 7. 1957 f 1938	2,109,245 x2,277,651 1,901,249	54,656 66,419 54,049	1,152 271 x1,207,794 984,144	671,489 722,380 614,360	149,058 171,701 151,637	101,771 109,357 116,459
Generated by Fue	1		,		2	
Feb., 1937 Jan., 1957 Feb., 1936	38,390 41,520 37,729	17,551 17,407 16,659	285 325 268	18 24 60	19,293 22,295 19,713	1,243 1,469 1,029
Total Output						
Feb., 1937 Jan., 1937 Feb., 1936	2,147,635 x2,319,171 1,937,978	72,207 83,826 50,708	1,132,556 x1,208,119 985,012	671,507 722, <del>404</del> 613, <del>420</del>	193,996	103,014 110,826 117,488
Total to Date	4,466,806 4,029,475	156,033 106,867	2,340,675 2,030,998	1,393,911 1,289,368		213,840 249,941
	6	PROVINC	TAL CONSUMPTION	IS1/		
Feb., 1937 Feb., 1936	2,009,592 x2,184,240 1,827,294	70,653 81 459 49,622	966,636 *1 081,310 795,547	701,027 766,220 893,333	195,683	101,422 109,070 115,809
Total to Date 1937 1936	4,193,832 3,800,740	152,612 104,856	1,997,946 1,661,288	1,467,247 1,432,452		210,490 246,678

### INDEX NUMBER

	January	Per uar	March	April	May	Jane
						TOTA
. 936 1956 1957	193.95 201,54 223.47	189.22 x203.44 225.33	191.48 210.40	193.80 223.02	194.12 210.30	193,14 215,76 EXPORTS A
1955 1956 195	164.31 172.69 x180.14	159.85 x173.92 180.41	165.26 173.51	166 .25 177 .51	167.53 176.07	166.90 181.29

lection para pervious lapert for problem experts.

 Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	E OUTPUTS <sup>2/</sup>		
75,330 73,472 65,526	1,952 2,142 1,174	40,438 38,961 33,957	23,982 23,302 21,150	5,323 5,539 5,229	3,635 3,528 4,016
1,371 1,339 1,301	627 562 574	10 10 9	1 1 2	689 <b>7</b> 19 680	44 47 36
76,701 74,811 66,827	2,579 2,704 1,748	40,448 38,971 33,966	23,983 23,303 21,152	<b>6</b> ,012 <b>6</b> ,258 <b>5</b> ,909	3,679 3,575 4,052
75,709 67,157	2,645 1,781	39,673 33,850	23,626 21,489	6,141 5,872	3,624 4,165
	(3) <u>DE</u>	LIVERIES TO ELEC	TRIC BOILERS	(4)	
666,261 x710,077 529,423	3,477 x 6,335	532,043 x558,995 354,978	81,679 89,496 123,733	48,585 54,741 50,226	477 510 486
1,376,338 L,089,653	9,812	1,091,038 734,383	171,175 252,627	103,326 101,812	987 831

AVERAGE, 1926 = 100)

July	August.	September	Optober	November	December
OUTPUT			The second control of	The transfer of the transfer o	
191.32 215.84	194.67 212.47	198.34 x 210.97	205,07 216,25	204.34 215.65	203.40 219.36
DELIVERIES TO EI	ECTRIC BOILERS				
170.48 182.36	172.16 182.71	171.35 x184.29	169.14 183.13	167.77 178.22	166.90 x179.39

<sup>?/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1933	1934	1935	1936	1937
January February Sub Total March April May June July August September October November December	1,396,661 1,299,580 2,696,241 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 3,339,689 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 3,816,189 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 x 1,938,978 4,030,475 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 x 2,041,423 2,280,508 2,261,979 2,325,733	x 2,319,171 2,147,635 4,466,806
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

#### EXPORTS TO THE UNITED STATES

No. 3 and the subdestinate development of the second secon	Contracting the state of the st	Villander Jacobson (Anthropour Green Control C	the rate of the definition of the second section of the secti	Therefore the same to same the same transfer to the same to the sa	
January	48,018	100,485	11.3,878	118,050	x 134,931
February	46,440	102,151	109,524	110,684	138,042
Sub Total	94,458	202,636	223,402	228,734	272,973
March	45,343	112,115	103,957	125,921	
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	11.5,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

		The residence of the second control of the s	Carter Committee of the		
January February Sub Total March April May June July August September October November	1,052,123 949,956 2,002,079 1,012,774 959,513 1,014,092 1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494	1,216,922 1,117,047 2,333,969 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686	1,344,646 1,193,820 2,538,466 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955	1,413,216 x 1,298,872 2,712,088 1,387,512 1,353,606 1,371,404 1,353,081 1,359,445 1,386,797 x 1,417,821 1,533,075 1,481,813	x 1,474,163 1,347,331 2,821,494
December	1,193,359	1,348,205	1,411,097	x 1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	x16,873,344	

x - Revised.

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1937

Central electric stations produced 2,412,259,000 kilowatt hours during March. This was the largest output in any month, exceeding that of March last year by 276,619,000 kilowatt hours, or 13 per cent, and the index number rose from 210.40 for March, 1936, and 225.22 for February, 1937, the previous peak, to 237.66; the fifth Sunday in March last year would cause a reduction in the output.

Exports to the United States amounted to 172,699,000 kilowatt hours, an increase of 37 per cent over March 1936 exports. Surplus and off-peak power exported accounted for 7 per cent of this increase. Secondary power delivered to electric boilers increased from 622,208,000 kilowatt hours in March, 1936, and 664,150,000 kilowatt hours in February last to 706,651,000 kilowatt hours.

The consumption of firm power in Canada, the total output less exports and deliveries of secondary power to electric boilers, amounted to 1,532,909,000 kilowatt hours and was exceeded only by the October 1936 record of 1,533,075,000 kilowatt hours. The index number, adjusted for seasonal variations, reached a new high at 191.69 which was 7.4 points above the previous peak of 184.29 for last September.

and a few or the formation and a formation for		Maritime	0	Outonic	Prairie	British
	Total	Provinces	Quebec	Ontario	Provinces	Columbia
		MON	THLY OUTPUTS			
Generated by Water	r Power					
March, 1937 Feb., 1937 March, 1936	2,372,071 x2,108,188 2,101,372	59,967 54,656 47,439	1,249,212 x1,131,109 1,101,617	773,731 x671,594 668,104	156,865 149,058 148,957	132,296 101,771 135,255
Generated by Fuel						
March, 1937 Feb., 1937 March, 1936	40,188 38,390 34,268	18,693 17,551 14,978	304 285 274	16 18 25	19,601 19,293 18,879	1,574 1,243 112
Total Output						
March, 1937 Feb., 1937 March, 1936	2,412,259 x2,146,578 2,135,640	78,660 72,207 62,417	1,249,516 x1,131,394 1,101,891	773,747 x671,612 668,129	176,466 168,351 167,836	133,870 103,014 135,367
Total to Date						
1937 1936	6,876,743 6,165,115	234,693 169,284	3,587,642 3,132,889	2,167,885	538,813 520,137	347,710 385,308
		PROVINC	IAL CONSUMPTION	NS1/		
March, 1937 Feb., 1937 March, 1936	2,239,560 x2,008,537 2,009,720	77,175 70,653 60,954	1,058,895 x 965,478 907,738	793,243 x701,132 737,870	178,077 169,854 169,384	132,170 101,420 133,774
Total to Date 1937 1936	6,431,072 5,811,460	229,787 165,810	3,054,296 2,569,026	2,260,717 2,171,322	543,614 524,853	342,658 380,449

### INDEX NUMBERS

the firm of the second section of the second	January	February	March	April	May	June
1935 1936 1937	195.95 201.54 x223.35	139.22 203.44 x225.22	191,48 210,40 237,66	1 <b>93</b> .80 223.02	194.12 210.30	
1935 1936 1937	164.31 172.69 x180.22	159.85 173.92 x180.02	165.26 173.51 191.69	007 166.25 177.51	167.53 176.07	166.90 181.29

<sup>1/</sup> Production plus provincial umports less provincial exports.

x Revised.

	Maritime	The anti-francisch Configuration of John Commission of the Asia Strangen days a segment disputes for		Prairie	British
 Total	Provinces	Quebec	Ontario	Provinces	Columbia
		DAILY AVERAC	/		O. MIIVIA
76,518 x75,292 67,786	1,934 1,952 1,530	40,297 x40,396 35,536	24,959 x23,986 21,552	5,060 5,323 4,805	4,268 3,635 4,363
1,296 1,371 1,106	603 627 483	10 10 9	1	632 689 610	50 44 4
77,814 x76,663 68,892	2,537 2,579 2,013	40,307 ×40,406 35,545	24,960 x23,987 21,552	5,692 6,012 5,415	4,318 3,679 4,367
76,408 67,749	2,608 1,860	39,863 34,427	24,087 21,511	5,987 5,716	3,863 4,235
	600m/Charlestonic	IVERIES TO ELEC-	TRIC BOILERS		
706,651 x664,150 622,208	(3) 4,492 3,477 4,092	554,903 x529,932 441,718	100,972 81,679 130,016	(4) 45,737 48,585 45,910	547 477 472
2,078,989 1,711,861	14,304 4,092	1,641,942 1,176,101	272,147 382,643	149,062 147,722	1,534

### (AVERAGE, 1926 = 100)

-	July	August	September	October	November	December
	OUTPUT					
	191.32 215.84	194.67 212.47	198.34 210.97	205.07 216.25	204.34 215.65	203.40 219.36
	DELIVERIES TO EL 170.48 182.36	172.16 182.71	171.35 <b>184.20</b>	169.14 <b>185.15</b>	167.77 178.22	166.90 179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1933	1934	1935	1936	1937
January February March Sub Total April May June July August September October November December	1,396,661 J,299,580 1,371,060 4,067,301 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 5,137,023 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 5,759,744 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 6,166,115 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	x2,317,906 x2,146,578 2,412,259 6,876,743
TOTAL	1 1,553,001	21, 159, 530	23,404,412	25,394,292	

#### EXPORTS TO THE UNITED STATES

CE POR COLORS OF STREET STREET, STREET	astronomy that the time of a strike the	to have many or plant, there appears to at the	are all Whiteham are not may be a propositional distriction of	C. Salara Carresta Control of the Co	
January February	48,018 46,440	100,485 102,151	113,878 109,524	118,050 110,684	134,931 x138,041
March	45, 343	112,115	103,957	125,921	172,699
Sub Total	139,801	314,751	327,359	354,655	445,671
April	35,272	63,105	97,475	125,496	
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93, 348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129, 323	
November	106,457	99, 714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989, 364	1,248,798	1,364,58	1,578,107	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

All the second s	The state of the s	the state of the s	The second of th	Experience Commission (1966, 1964) Experience Symmetry (1967) Experience (1967) Experience (1967) Experience (1967)	
January	1,052,123	1,216,922	1,344,646	1,413,216	x1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	xl.344.387
March	1,012,774	1,239,37.	1,321,545	1,387,512	1,532,909
Sub Total	3,014,853	3,5/5,346	3,860,611	4,099,600	4,352,083
April	959,513	1,141,203	1,267,776	1,353,606	
May	1,014,092	1,244,982	3,304,893	1,371,404	
June	1,006,602	1,158,889	1,245,659	1,353,081	
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	
September	1,106,841	1,173,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	N
December	1,193,359	1,348,205	1,411,097	1,516,702	
CONTACT TARGET ON THE STATE OF	The state of the s	SOLIT OF COMPANY AND THE CONTROL OF THE CONTROL OF THE SOUND OF THE SO	action to a series of the seri	Transfer and the section of the 12 mes 3 m	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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Published by Authority of HON. W.D. EULER, M.P., 57-Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 4

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL. 1937

The index number for the monthly output of central electric stations continued to rise and for April reached a new high at 239.32 . The output for the month was 2,322,884,000 kilowatt hours, or almost double the April, 1933, output and 7.3 per cent above that of April, 1936.

The index number for the consumptaon of firm power in Canada has been advancing during the last six months at approximately the same rate as the total output and also reached a new high in April at 198,08 The exports to the United States amounted to 164,247,000 kilowatt hours, as against 125,496,000 kilowatt hours last year and the deliveries of secondary power to electric boilers amounted to 648,127,000 kilowatt hours This latter was a decrease of 8,3 per cent from the March deliveries and 5,5 per cent from the April, 1936, deliveries.

The second secon	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbi
		MONI	THLY OUTPUTS			
Generated by Water	Power					
April, 1937 March, 1937 April, 1936	2,285,834 2,372,071 2,131,881	58,157 59,967 59,288	1,180,615 1,249,212 1,139,601	748,169 773,731 664,595	149,987 156,865 136,632	148,90 132,29 131,976
Generated by Fuel		To the state of th				
April, 1937 March, 1937 April, 1936	37,050 40,188 32,747	18,411 18,693 14,887	294 304 262	1.5 1.6 1.4	18,128 19,601 17,393	20 1,51
Total Output						
April, 1937 March, 1937 April, 1936	2,322,884 2,412,259 2,164,628	76,568 78,660 74,175	1,180,909 1,249,516 1,139,863	748 <sub>0</sub> 184 773 <sub>0</sub> 747 664 <sub>0</sub> 609	168,115 176,466 154,025	149,10 133,8 131,9
Total to Date						W + 4
1937 1936	9,199,627	311, 261 243, 459	4,768,551 4,272,752	2,916,069 2,622,106	706,928 674,162	496,85 517,25
		PROVINCIA	CONSUMPTIONS	1/		
April, 1937 March, 1937 April, 1936	2,158,637 x 2,239,564 2,039,132	75,211 77,175 73,064	1,000,969 x1,055,899 958,895	765, 318 793, 243 721, 225	169,466 178,011 155,381	147,6 132,1 130,50
Total to Date						
1931 1936	8,589,713 7,850,592	304,998 238,874	4,055,269 3,527,921	3,026,035 2,892,547	713,080 680,234	490,33 511,0

#### INDEX NUMBE

	January	February	March	April.	May	June
						TOT
1935 1936 1937	193.95 201.54 223.35	189,22 203,44 225,22	191,48 210,40 237,66	193,80 223,02 239,32	194,12 210,30	193.1 215.?
				JO	JTPUT LESS E	XPORTS A
1935 1936 1937	164.31 172.69 180.22	139,85 173,92 180,0 <b>2</b>	165,26 173,51 191,69	166,25 177,51 198,08	167,53 176,07	166.8

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

		Maritime			Denini	T. A. A. A.
	Total	Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	- 76,194	1,939	DAILY AVERAG	E OUTPUTS <sup>2</sup> /	5,000	
	76,518 71,063	1,934 1,976	40°, 297 37°, 937	24,959 22,154	5,060 4,554	4,963 4,268 4,392
	1,235 1,296 1,091	614 603 496	10 10 9		604 632 580	6 50 6
	77,429 77,814 72,154	2,553 2,537 2,472	39,36 <b>3</b> 40,307 37,996	24,940 24,960 22,154	5,604 5,692 5,134	4,969 4,318 4,398
1	76,663 68,841	2,594 2,012	39,738 35,312	24,300 21,670	5,891 5,572	4,140 4,275
		DEI	IVERIES TO ELEC	CTRIC BOILERS		
	648,127 706,651 685,527	(3) 3,462 4,492 7,538	510,741 554,903 508,424	90,893 100,972 128,984	(4) 42,475 45,737 40,223	556 547 358
	2,727,116 2,397,388	17,766 11,630	2,152,683 1,684,525	363,040 511,627	191,537 187,945	2,090 1,661
_	(AVERAGE, 1926	<b>∷</b> 100)				
	July	August	September	October	November	December
-	OUTPUT					
	191,32 215.84	194.67 212.47	198,34 210,97	205.07 216.25	204.34 215.65	203, 40 219 36
-		ELECTRIC BOILERS		4 00 5	107 57	100.11
	170,48 182,36	172,16 182.71	171 35 184.29	169 14 183.13	167.77 178.22	166 90 179 39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc 3/ New Brunswick only. 4/ Manitoba only.

Month	1933	1934	1935	1936	1937
January February March April Sub Total May June July August September October November December	1,396,661 1,299,580 1,371,060 1,296,805 5,363,106 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 6,834,932 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 7,640,773 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 8,330,743 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 9,199,627
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

#### EXPORTS TO THE UNITED STATES

CONTRACTOR OF A SECURE AND A SECURE AND A SECURE ASSESSMENT AS A SECURE	planting of the second	and allowed the second to the second	The course of the color of the	TO TO THE RESERVE OF STREET	
January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	1.03,957	125,921	x 172,695
April	35,272	63,105	97,475	125,496	164,247
Sub Total	175,073	3/7,856	424,834	480,151	609.914
May	42,874	111,000	94,256	130,530	
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February	1,052,123 949,956	1,216,922	1,344,646 1,193,820	1,413,216	1,474,787 1,344,387
March April	1,012,774 959,513	1,239,377	1,321,545	1,387,512 1,353,606	x 1,532,912 1,510,510
Sub Total May June	3,974,366 1,014,092	4,714,549 1,244,982	5,127,787 1,304,893	1,371,404	5,861,596
July August	1,006,602 1,045,695 1,099,524	1,158,889	1,245,659 1,270,867	1,353,081	
September October	1,106,841 1,189,454	1,191,218 1,173,190 1,290,580	1,306,710 1,317,312	1,386,797	
November December	1,192,494 1,193,359	1,290,380 1,292,686 1,348,20	1,415,896 1,394,955 1,411,097	1,533,075 1,481,813 1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 5

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

# OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA MAY, 1937

Central electric stations in Canada produced 2,301,167,000 kilowatt hours during May, as against 2,322,884,000 kilowatt hours in April and 2,083,363,000 kilowatt hours in May last year. The index number, adjusted for seasonal variations, decreased from 239.32 for April, the provides peak, to 232.28.

Exports to the United States amounted to 161,027,000 kilowatt hours and deliveries of secondary power for electric boilers were 620,589,000 kilowatt hours.

Consumption of firm power (including line losses) increased from 1,510,508,000 kilowatt hours in April to 1,519,552,000 kilowatt hours. The index number fell from 198.08 for April to 195.08.

1 10 10 10 10 10 10 10 10 10 10 10 10 10		and the second s	<b>,</b>		
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTHLY OUTPU	ITS		
r Power		200			
2,263,371 2,285,834 2,049,713	56,881 58,157 56,963	1,164,740 1,180,615 1,050,174	744,340 748,169 672,673	146,671 149,987 129,400	150,739 148,906 140,503
37,796 37,050 33,650	19,749 18,411 15,737	301 294 277	15 15 20	17,625 18,128 17,531	106 202 85
		Service of the servic			
2,301,167 2,322,884 2,083,363	76,630 76,568 72,600	1,165,041 1,180,909 1,050,451	744,355 748,184 672,693	164,296 168,115 146,931	150,845 149,108 140,588
		1			
11,500,794 10,413,106	387,891 316,159	5,933,592 5,323,203	3,660,424 3,294,799	871,224 821,093	647,663 657,852
time to the wildow with a state of the control of t	PROVIN	NCIAL CONSUMP	Trons1/		matelogy of the contraction of t
2,140,141   x 2,158,635   1,952,833	75,671 75,211 71,662	990,233 (x1,000,967 904,761	759,166 765,318 688,923	165,698 169,466 148,248	149,373 147,673 139,239
10,729,852 9,803,425	380,669 310,536	5,045,500 4,432,682	3,785,201 3,581,470	878,778 828,482	639,704 650,255
					EX NUMBERS
January	February	March	April	May	June
					TOTAL
193.95 201.54 223.35	189.22 203.44 225.22	191.48 210.40 237.66	193.80 223.02 239.32	194.12 210.30 232.28	193.14 215.76
			00	JTPUT LESS EX	KPORTS AND
164.31 172.69 180.22	159.85 173.92 180.02	165,26 173,51 191,69	166.25 177.51 198. <b>0</b> 8	167.53 176.07 195.08	166.90 181.29
	2,263,371 2,285,834 2,049,713  37,796 37,050 33,650  2,301,167 2,322,884 2,083,363  11,500,794 10,413,106  2,140,141 x 2,158,635 1,952,833  10,729,852 9,803,425  January  193.95 201.54 223.35	2,263,371	Total Provinces Quebec    MONTHLY OUTPO   Power	Total	Total

<sup>1/</sup> Production plus provincial imports less provincial exports.
x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DATLY AV	ERAGE OUTPUTS2/		-ULANDIA
73,012	1,835	37,572	24,011	4,731	4,863
76,194	1,939	39,353	24,939	5,000	4,963
66,120	1,837	33,877	21,700	4,174	4,532
1,219	637	10	1 1	568	3
1,235	614	10		604	6
1,085	508	9		565	3
74,231	2,472	37,582	24,012	5,299	4,866
77,429	2,553	39,363	24,940	5,604	4,969
67,205	2,345	33,886	21,700	4,739	4,535
76,164	2,569	39,295	24,241	5,770	4,289
68,507	2,080	35, <b>0</b> 21	21,676	5,402	4,328
	/ m \	DELIVERIES TO	ELECTRIC BOILERS	•	ACT OF THE PROPERTY OF THE PRO
620,589 648,127 581,429	(3) 1,663 3,462 4,123	493,737 510,741 443,978	88,525 90,893 106,582	(4) 36,187 42,475 26,362	477 556 384
<b>3,347,705 2,978,817</b>	19,429	2,646,420	451,565	227,724	2,567
	15,753	2,128,503	618,209	214,307	2,045

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
OUTPUT					ресемвет
191.32 215.84	194.67 212.47	198.34 210.97	205.07 216.25	204.34 215.65	203.40 219.36
DELIVERIES TO	ELECTRIC BOILER	5			
170.48 182.36	172.16 182.71	171.35 184.29	169.14 183.13	167.77 178.22	166.90 179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1933	1934	1935	1.936	1937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
Sub Total	6,713,048	8,665,752	9,563,844	10,414,106	11,500,794
June	1,370,901	1,708,632	1,816,250	2,028,980	
July	1,442,657	1,621,314	1,791,544	2,021,147	
August	1,508,216	1,676,865	1,851,153	2,020,416	
September	1,489,322	1,627,289	1,919,213	2,041,423	
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	

#### EXPORTS TO THE UNITED STATES

the form on the William or more on the or the	man mumi meneraman an menar meneraman selahan an				
January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,247
May	42,874	111,000	94,256	130,530	161,027
Sub Total	217,947	488,856	519,090	610,681	770,941
June	86,673	113,640	107,994	157,870	
July	119,192	105,856	93,348	157,543	
August	109,592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April	1,052,123 949,956 1,012,774 959,513	1,216,922 1,117,047 1,239,377 1,141,203	1,344,646 1,193,820 1,321,545 1,267,776	1,413,216 1,298,872 1,387,512 1,353,606	1,474,787 1,344,387 1,532,912 x1,510,508
May Sub Total	1,014,092 4,988,458	1,244,982 5,959,531	1,304,893	1,371,404 6,824,610	1,519,552 7,381,146
June July August September October November December	1,006,602 1,045,695 1,099,524 1,106,841 1,189,454 1,192,494 1,193,359	1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,353,081 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,001,1140
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	inthe team terminated and defend the large states are in the second and in the second
		x - Revise	ed.		party that the year that allow there is a time the de affect the

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Published by Authority of HON. W.D. EULER, M.P.,
Minister of Trade and Commerce

57-001

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 6.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE. 1937

Central Electric Stations produced 2,253,477,000 kilowatt hours during June which was 11 per cent above the June 1936 output. After adjustment for seasonal variations the index number reached a new high point at 239,63 as compared with the previous peak of 239,32 for last April.

Exports to the United States amounted to 158,650,000 kilowatt hours, slightly above the May exports on a daily basis, and deliveries of secondary power to boilers amounted to 600,396,000 kilowatt hours as compared with 620,589,000 kilowatt hours in May, the daily average being practically the same in both months.

The consumption of firm power, or total output less exports and deliveries to electric boilers, at 1 494,432,000 kilowatt hours was not as high as for the previous three months nor for last December and October but, after adjusting for the unequal number of days in the months and other seasonal variations, the index number rose to a new high of 200 23 as compared with 195.08 for May and the previous peak of 198.08 for April.

( W. Caller Standard Manager Company C	and the second contraction of the second con	Maritime	onder retubelization on retubelization of the state of th		Prairie	British
E/GIT. Dejührenü instruktürreğineni Erminyonnejissenin onderskipassyöntelijen ejennejiy	Total	Provinces	Quebec	Ontario	Provinces	Columbia
		MON'	THLY OUTPUTS			
Generated by Water	Power					
June, 1937 May, 1937 June, 1936	2,214,290 2,263,371 1,993,366	57,721 56,881 58,209	1,145,375 1,164,740 1,022,875	728,706 744,340 661,507	129,335 146,671 110,291	154,153 150,739 140,484
Generated by Fuel						
June, 1937 May, 1937 June, 1936	39,187 37,796 35,614	21,040 19,749 17,700	296 301 285	23 15 37	17,723 17,625 17,507	105 106 85
Total Output						
June, 1937 May, 1937 June, 1936	2,253,477 2,301,167 2,028,980	78,761 76,630 75,909	1,145,671 1,165,041 1,023,160	728, 729 744, 355 661, 544	146,058 164,296 127,798	154, 258 150, 845 140, 569
Total to Date						
1937 193 <b>6</b>	13,754,271 12,442,086	466,652 392,068	7,079,263 6,346,363	4,389,153 3,956,343	1,017,282 948,891	801,921 798,421
	Interest	PROVINCIAL CO	NSUMPTIONS 1/	/	The second secon	Standard The Confidence of the Standard Standard Standard Standard Standard Standard Standard Standard Standard
June, 1937 May, 1937 June, 1936	2,094,827 x2,140,134 1,871,110	77,919 75,671 74,539	980,502 x990,226 883,234	736,182 759,166 645,006	147,517 165,698 129,086	152,707 149,373 139,245
Total to Date	3.0.004					
1937 1936	12,824,672 11,674,535	458,588 385,075	6,025,995 5,315,916	4,521,383 4,226,476	1,026,295 957,568	792,411 789,500
Contraction of Contraction of the Contraction of th	and draw period of	- Approximation of asset				

#### INDEX NUMBERS

	January	February	March	April	May	June
1935 1936 1937	193,95 201,54 223,35	189°22 203°44 225°22	191,48 210,40 237,66	193.80 223.02 239.32	194.12 210.30 232.28	TOTAL 193,1.4 21.5,76 239,63
				0	UTPUT LESS E	XPORTS AND
1935 1936 1937	164.31 172.69 180.22	159.85 173.92 180.02	165,26 173,51 191,69	166.25 177.51 198.08	167.53 176.07 195.08	166.90 181.29 200.23
1/ Production plu	s provincial	imports less	provincial e	exports	x - Revised.	CHARLES CONTROL OF THE PROPERTY OF THE PROPERT

er, qu	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVER	RAGE OUTPUTS2/		
	73,810	1,924	38,179	24,290	4,278	5,139
	73,012	1,835	37,572	24,011	4,731	4,863
	66,446	1,940	34,096	22,051	3,676	4,683
	1,306	701	10	1	591	3
	1,219	637	10	1	568	3
	1,187	590	9	1	584	3
	75,116	2,625	38,189	24,291	4,869	5,142
	74,231	2,472	37,582	24,012	5,299	4,866
	67,633	2,530	34,105	22,052	4,260	4,686
	75 <sub>9</sub> 990	2,578	<b>39,112</b>	24,249	5,620	4,431
	68 <sub>9</sub> 363	2,154	<b>34</b> ,870	21,738	5,214	4,387
			ELIVERIES TO ELE	CTRIC BOILERS	/ 4)	ine Constituendos del Michael de Canadago Mandanda estado e parte.
	600,396 620,589 518,029	(3) 3,404 1,663 7,766	491,593 493,737 414,866	8 <b>3</b> , 6 <b>28</b> 88, <b>5</b> 25 82, 783	(4) 21,268 36,187 12,245	503 477 369
	,948,101	22,833	3,138,013	535,193	248,992	3,070
	,496,846	23,519	2,543,369	700,992	226,552	2,414

### AVERAGE, 1926 = 100)

July	August	September	October	November	December
UTPUT					
191.32 215.84	194,67 212,47	198.34 210.97	<u>205.07</u> 216,25	204.34 215.65	203.40 219.36
ELIVERIES TO EL	ECTRIC BOILERS				
170。48 182、36	172.16 182.71	171.35 184.29	169 .14 183 .13	167.77 178.22	166,90 179,39

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

/ New Brunswick only.

4/ Manitoba only.

Month	1933	1934	1.935	1936	1937
January February	1,396,661 1,299,580	1,725,264 1,614,425	2,012,742 1,803,447	2,091,497 1,938,978	2,31.7,906 2,146,578
March April	1,371,060 1,296,805	1,797,334	1,943,555	2,135,640	2,412,259
May	1,349,942	1,697,909 1,830,820	1,881,029	2,164,628 2,083,363	2,322,884 2,301,167
Sub Total	1, <u>370,901</u> 8,083,949	1, 108, 632	1,816,250	2,028,980 12,443,086	2,253,477
July August	1,442,657 1,508,216	1,621,314 1,676,865	1, 791, 544 1,851,153	2,021,14 <sup>2</sup> 2,020,416	
September October	1,489,322 1,617,608	1,627,289 1,853,226	1,919,213 2,162,569	2,041,423 2,280,508	
November December	1,702,363 1,707,886	1.955, 512	2, 1.43, 514	2,261,979	
TOTAL	17,553,001	2,052,940 21,159,550	2,156,525 23,404,412	2,325,733 25,394,292	an diese Committeen Standischer Standischer Standischer voor der der verteilung voor der der verteilung voor de

#### EXPORTS TO THE UNITED STATES

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January	48,018	100,485	113,878	118,050	134,931
February	46,440	1.02, 1.51	109,524	110,684	138,041
March	45,343	112,115	103,95?	125,921	172,695
April	35,272	63,1.05	97,475	1.25,496	164,247
May	42,874	111,000	94,256	130,530	x161,033
June	86,673	113.640	107,994	157 870	158,650
Sub Total	304,620	602,496	627,084	768,551	929,,600
July	119,192	105,856	93,348	157,543	The state of the s
August	1.09, 592	115,988	130,305	143,342	
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99, 353	110,508	112,836	128,070	
TOTAL	989,364	1,248,798	1, 364, 58?	1,578,107	

### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

gen a worse those to see the military military through	water market a treat is a to and		promote the same		
January	1.052.123	1 216.922	1 344 646	1 413 216	1,474,287
February	949,956	1 117,04?	1 193,820	1.298.872	1.344.387
March	1.012,774	1.239.377	1.321 545	1 38 512	1,532,912
April	959,513	1.141,203	1 267 776	1 353,606	1,510,508
May	1.014.092	1,244,982	1 304.893	1.371.404	x1,519,545
June	1,006,602	1,158,889	1,245,659	1.353.081	1 494 432
Sub Total	5,995,060	7 118 420	7,678,339	8.177.691	8,875,571
July	1,045 695	1 159 301	1,270,867	1,359,445	- Demoissing the second
August	1,099,524	1,191,218	1.306.710	1,386,797	
September	1,106 841	1.173 190	1 31 312	1.41 821	
Ortober	1,189,454	1,290,580	1.415,896	1,535.075	
November	1,192,494	1,292,686	1.394.955	1,481,813	,
Dacember .	1 193 359	1.348.205	1. 411 092	1,516, 702	
TOTAL	20.000.01			made and a second	- The Control of the
TO LALL	12,822,42	14.5.3.600	15, 795, 176	16,813,344	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 7.

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1937

The output of central electric stations during July amounted to 2,183,055,000 kilowatt hours as compared with 2,255,338,200 kilowatt hours for June and with 2,021,147,000 kilowatt hours for July last year. The decrease from June output was slightly more than the usual seasonal and the index number dropped from 239.83 for June to 233.67.

Exports to the United States rose from 158,657,000 kilowatt hours for June to 164,043,000 kilowatt hours and deliveries of secondary power to electric boilers declined from 600,398,000 kilowatt hours in June to 513,459,000 kilowatt hours.

The consumption of firm power, including losses, was 1,510,554,200 kilowatt hours and the index number, adjusted for seasonal variations, rose to a new high at 202.63 as compared with the previous peak of 200.48 made in June.

ear (Sundane) - alleste mate millione en en materiale auch entranée et 2 ( ab - 10 - ut	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	- State and the Control of the Contr	MONTHLY	OUTPUTS			- And Andrews Control of the Control
Generated by Water	Power					
July, 1937 June, 1937 July, 1936  Generated by Fuel	2,147,462	55,471	1,089,338	725,263	123,101	151,289
	x2,216,119	57,721	1,145,375	x730,536	x128,335	x154,152
	1,986,583	56,372	1,028,072	636,134	116,304	149,701
July, 1937	40,593	21,421	315	25	18,733	99
June, 1937	x39,219	21,040	296	23	x17,755	105
July, 1936	34,564	15,963	298	37	18,187	79
Total Outout  July, 1937 June, 1937 July, 1936	2,188,055	76,892	1,089,653	725,288	144,834	151,388
	x2,255,338	78,761	1,145,671	x730,559	x146,090	x154,257
	2,021,147	72,335	1,028,370	636,171	134,491	149,780
Total to Date 1937 1936	15,944,187	543,544	8,168,916	5,116,271	1,162,148	953,308
	14,463,233	464,403	7,374,733	4,592,514	1,083,382	948,201
	PROV	INCIAL CONS	UMPTIONS 1/	The state of the s	us () ušimini ušiminasuota ryumasuusimaa vuo	120-140 automorphism unamarigagiones
July, 1937 June, 1937 July, 1936 Total to Date	2,024,013	75,900	919,852	732,140	146,322	149,799
	x2,096,681	77,919	x980,495	x738,012	x147,549	x152,706
	1,863,605	71,332	887,602	620,444	135,925	148,302
1937	14,850,539	534,488	6,945,840	5,255,353	1,172,649	942,209
1936	13,538,140	456,407	6,203,518	4,846,920	1,093,493	937,802

#### INDEX NUMBERS

Annual Control of the	January	February	March	April	May	June
1935 1936 1937	193.95 201.54 223.35	189.22 203.44 225.22	191.48 210.40 237.66	193.80 223.02 239.32	194.12 210.30 232.28	TOTAL 193.14 215.76 x239.83
				OUTE	PUT LESS EXP	ORTS AND
1935 1936 1937	164.31 172.69 180.22	159.85 173.92 180.02	165.26 173.51 191.69	166.25 177.51 198.08	167.53 176.07 195.08	166.90 181.29 x200.48

<sup>1/</sup> Production plus provincial imports less provincial exports. x - Revised

	T Manager		TILLOWALD HOUSE		
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British
		DATIVATOR	ERAGE OUTPUTS2/	-1	Columbia
		PAIDI AVI	SKAGE OUTPUTS		
69,273 x73,871 64,084	1,789 1,924 1,818	35,140 38,179 33,164	23,396 x24,351 20,521	4,068 4,278 3,752	4,880 5,139 4,829
1,309 x1,307 1,114	691 701 515	10 10 9	1 1 1	604 x592 586	3 3 3
70,582 x75,178 65,198	2,480 2,625 2,333	35,150 38,189 33,173	23,397 x24,352 20,522	4,672 x4,870 4,338	4,883 5,142 4,832
75,209 67,902	2,564 2,180	38,533 34,623	24,133 21,561	5,482 5,086	4,497 4,452
		DELIVERIES TO	ELECTRIC BOILER	as	The second rest rest restriction and restricti
513,459 x600,398 504,160	(3) 2,195 3,404 5,089	410,866 491,593 417,260	79,413 x83,630 65,055	(4) 20,513 21,268 16,376	472 503 380
4,461,562 4,001,006	25,028 28,608	3,548,879 2,960,629	614,608 <b>7</b> 68,047	269,505 242,928	3,542 2,794

## (AVERAGE, 1926 = 100)

July	August	September	October	November	December
OUTPUT 191.32 215.84 233.67	194.67 212.47	198.34 210.97	205.07 216.25	204.34 215.65	203.40
DELIVERIES TO	ELECTRIC BOILE	RS			
170.48 182.36 202.63	172.16 182.71	171.35 184.29	169.14 183.13	167.77 178.22	166.90 179.39

<sup>2/</sup> No. allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month	1373	1974	1935	1936	1937
January February March April May June July Sub Total August September October November December	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 9,526,606 1,508,216 1,489,322 1,617,608 1,702,363 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 11,995,698 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 13,171,638 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 14,464,233 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 x2,255,338 2,188,055 15,944,187
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	generatus (1861-1966), da s. Jasanggar veryyyga yare ngunagan. <sub>Al</sub> 1994, silikus Baruphundhidada (200-200-1984), da senda kanan silikus (180-200-1984), da senda kanan silikus (180-200-1984).

### EXPORTS TO THE UNITED STATES

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January	48,018	100,485	113,878	118,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	x164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	x158,657
July	119,192	105,856	93,348	157,543	164,043
Sub Total	423,812	708,352	720,432	926,094	1,093,650
August	109,592	115,988	130,305	143,342	Part of the second control of the second of
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	
TOTAL	989,364	1.248,798	1,364,587	1,578,107	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January	1,052,123	1,216,922	7 744 646	1 /17 017	3 474 707
February	949,956	1,117,047	1,344,646 1,193,820	1,413,216 1,298,872	1,474,787 1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	x1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,554
Sub Total	7,040,755	8,277,721	8,949,206	9,537,136	10,388,976
August	1,099,524	1,191,218	1,306,710	1,386,797	Carrier in Land Anton and the said the said in the contract of
Sentember	1,106,841	1,177,190	1,317,312	1,417,821	
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 8

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.S.c.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### AUGUST, 1937

The output of central electric stations in Canada during August increased from 2,188,055,000 kilowatt hours in July and from 2,020,416,000 kilowatt hours in August last year to 2,197,725,000 kilowatt hours. This was less than the usual seasonal rise and the index number dropped from 233.67 for July to 231.12. The drop, however, was in secondary power, deliveries to boilers decreasing from 513,634,000 kilowatt hours in July to 491,409,000 kilowatt hours, and exports to the United States also fell off from 164,057,000 kilowatt hours in July to 162,612,000 kilowatt hours.

The consumption of firm power, including line losses, increased from 1,510,365,000 kilowatt hours in July to 1,543,704,000 kilowatt hours. This was the largest monthly consumption on record and the index number, adjusted for seasonal variations, also rose to a new high at 203.38. The consumption of firm power in Ontario increased from 569,256,000 kilowatt hours in August last year to 671,170,000 kilowatt hours, or by 17.9 per cent, and in Quebec from 478,720,000 kilowatt hours to 509,977,000 kilowatt hours, or by 6.5 per cent. In the Maritime Provinces the increase was 14,441,000 kilowatt hours, or 22.3 per cent, in the Prairie Provinces it was 5,699,000 kilowatt hours, or 4.7 per cent, and in British Columbia, 3,595,000 kilowatt hours, or 2.4 per cent.

1 to a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The second second		7	1	y
Total	Maritime Provinces	J. Grener	Ontario	Provinces	British Columbia
	MONTHL	Y OUTPUTS			
Power		Control of the contro			Mile on the Control of the Control o
2,155,364 2,147,462 1,984,413	59,910 55,471 49,695	1,075,76v 1,089,534 1,027,088	737 314 725,263 635,462	126,833 128,101 117,946	157,529 151,289 155.724
42,361 40,593 36,003	23,269 21,421 16,992	327 315 318	30 25 41	18,627 18,733 18,540	108
	N. A. S.			T T T T T T T T T T T T T T T T T T T	
2,197,725 2,188,055 2,020,416	83,179 76,392 60,48:	1,074,055 1,085,655 1,027,406	721, 383 721, 383 550, 905	the second	
18,141,912 16,485,649	376,723 531,088	9,245,019 8,402,149	5.850,m39 6,220,527	,307,+15 1,279,dna	1, 162,031
P	ROVINCIAL CO	NSUMPTIONS 1	1/	- 12 .	-
2,035,113 * 2,025,999 1,877,075	82,224 75,900 65,774	900,055 # 919,858 884,797	749,860 162,140 636,300	146,388 146,388 157,842	TAL, 110 TAH, 799 TAK, \$32
16,885,639 15,415,215	616,716 522,181	7,845,859 7,088.205	16,006,220 1,453,220	1 202,555	1,098,319
	Power  2,155,364 2,147,462 1,984,413  42,361 40,593 36,003  2,197,721 2,188,055 2,020,416  18,141,912 16,483,649  P 2,035,113 x 2,025,999 1,877,075	Power  2,155,364 2,147,462 1,964,413 49,693  42,361 49,693  42,361 49,693  42,361 23,269 40,593 21,421 16,992  2,197,720 2,188,055 76,392 2,020,416  PROVINCIAL CO  2,035,113 2,025,999 1,877,075 65,774	Nonthly outputs   Provinces   Power	Provinces   Qualist   Ordario	Total   Provinces   Quanto   Quarto   Provinces

## INDEX NUMBERS

The field with a straight the straight to be the straight	** * * * ** ** * * * * * * * * * * * *					
Car. " Management of the Property of the St.	January	February	March	April	May	] Just ]
1935	193,95	189.22	191.48	193.80	194.12	196.14
1936	201,54	203.44	210.40	223.02	210.30	215.76
1937	223,35	225.22	237.66	239.32	232.28	38,83
1935	164.51	159,85	165.26	166.25	167.53	166.90
1936	172.69	173,92	173.51	177.51	176.07	181,29
1937	180.22	180,02	191.69	198.08	195.08	200,48

<sup>1/</sup> Production plus provincial imports less provincial exports. x. Revised.

Total	Meritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILSY AT	ERAGE OUTPUTS <sup>2</sup>		
69,528	1,93£	34,638	23,784	4,092	5,062
69,273	1,789	35,140	23,396	4,068	4,880
64,003	1,603	33,132	20,505	3,804	4,959
1,366	?37	1()	1	601	
1,309	E31	1()		604	
1,161	546	148		598	
70,894	2,03	34,648	23,785	4,693	a,015
70,582	2,4m	35,150	23,397	4,672	4,883
65,164	2,1 m	33,142	20,506	4,402	2,963
44,4 (8)	2,17	38,037	24,089	5,381	4,572
67,556		34,435	21,428	5,000	4.516
491,409 x513,634 490,277	(3) 3,170 2,195 1,157	390,056 #411,041 406,007	78,690 79,413 67,044	(4) 18,986 20,513 15,645	507 472 424
4,491,285	28, <b>19</b> 8	3,939,110	693,298	288,491	4,049
	29,765	3,366,636	833,091	258,573	5,218

(AVERAGE, 1926 = 100)

Tuly	AUDITO .	September	Ob00m	Roa swodi	December
191.42 21-,44 236.69	194.67 212.47	1.98 ,34 210 <sub>0</sub> 97	205.07 216.25	204.34 215.65	203,40 219,36
1	231.12  ELECTRIC BOILER  172.16  182.71  203.38	171.35 184.29	169.14 183.13	167.77 178.22	166.90 179. <b>3</b> 9

<sup>2&#</sup>x27; No allowance is made for the elfeon of holidays, Sundays of Jacobays, etc. 3/ New Brunswick ody. 4/ Manihota only.

(Inousands of Killowatt Hours)							
Month	1933	1934	1935	1936	1937		
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906		
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578		
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259		
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884		
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167		
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338		
July	1,442,657	1,621,314	1,791,544	2,021,147	2,188,055		
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725		
Sub Total	11,035,822	13,672,563	15,022,791	16,484,649	18,141,912		
September	1,489,322	1,627,289	1,919,213	2,041,423	A DESCRIPTION OF THE PROPERTY OF THE PARTY O		
October	1,617,608	1,853,226	2,162,569	2,280,508			
November	1,702,363	1,953,512	2,143,314	2,261,979			
December	1,707,886	2,052,940	2,156,525	2,325,733			
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	And Verific Social Section Services and Serv		
		EXPORTS TO TH	E UNITED STATE	ES	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
January	43,018	100 400	2 2 0 000	and the second security of	The state of the s		
February	46,440	100,485	113,878	118,050	134,931		
March	45,343	102,151	109,524	110,684	138,041		
April	35,272	63,105	103,957	125,921	172,695		
Way	42,874	111,000	97,475	x 125,495	164,250		
June	86,673	113,640	94,256	130,530	161,033		
July	119,192	105,856	107,994	157,870	158,657		
August	109,592	115,988	93,348 130,305	157.543	x164,057		
Sub Total	533,404	824,340	850,737	143,342	162,612		
September	122,907	107,114	142,177	1,069,435	1,256,276		
October	127,243	107,122	146,530	125,127			
November	106,457	99,714	112,305	129,323			
December	99,353	110,508	112,838	126,152			
TOTAL	989,364	1,248,798	1,364,587	128,070 1,578,107	AND THE RESERVE AND THE PROPERTY OF THE PARTY OF THE PART		
	The second secon	The second secon		TO ELECTRIC BO	FLEDO		
1)2	The second secon			I DEBUTALO BU	LIERS		
January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787		
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387		
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912		
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508		
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545		
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283		
July	1,045,695	1,159,301	1,270,867	1,359,445	x1,510,365		
August Sub Total	1,099,524	1,191,218	1,306,710	1,386,797	1,543,704		
Sub Total September	8,140,279	9,468,939	10,255,916	10,923,933	11,932,491		
October	1,106,841	1,173,190	1,317,312	1,417,821			
November	1,189,454	1,290,580	1,415,896	1,533,075			
December	1,192,494	1,292,686	1,394,955	1,481,813			
and the state of t	1,193,359	1,348,205	1,411,097	1,516,702			
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344			
			D				

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 9

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

## SEPTEMBER, 1937

Central electric stations produced 2,195,291,000 kilowatt hours during

September as compared with 2.197.725.000 kilowatt hours in August. On a daily basis this was an increase of 3.2 per cent. but the index, adjusted for seasonal variations, dropped from 231.12 to 226.88. The increase over the output in September last year was 7.5 per cent.

Exports to the United States dropped from 162,617,000 kilowatt hours in August to 143,441,000 kilowatt hours and deliveries of secondary power to electric boilers decreased from 491,409,000 to 487.348,000 kilowatt hours; the extra day in August would more than account for this latter decrease.

In past years the September consumption of firm power has been about 1.4 per cent above the August consumption. This rate of increase was almost made this year, the consumption being 1,564.502,000 kilowatt hours as against 1,543,699,000 kilowatt hours in August. The index number dropped only a fraction of a point from the peak recorded for August, declining from 203.38 to 203.36. Compared with the firm power consumption in September last year the gain was 146,681,000 kilowatt hours, or 10.3 per cent.

	Maritime			Prairie	British
Total	Provinces	Quebec	Ontario ·	Provinces	Columbia
	MONTHLY	OUTPUTS			
Power					
2,152,179 2,155,364 2,004,433	52,759 59,910 52,254	1,098,376 x1,103,245 1,031,592	690,517 x707,842 634,168	145,494 126,838 135,045	165,031 157,529 151,374
43,112 42,361 37,990	22, 796 23, 269 17, 705	320 327 316	31 30 43	19,806 18,627 19,784	1.59 1.08 1.42
					·
2,195,291 2,197,725 2.042,423	75,554 83,179 69,959	1,098,696 x1,103,565 1,031,908	690,548 x707,873 634,211	165,300 145,465 154,829	165; 192 157; 657 151; 51
					,,
20, 337, 203 18, 526, 072	702,277 601,047	10,567,626 9,434,047	6, 318, 299 5, 862, 728	1,472,913 1,374,697	1, 276, 137 1, 253, 553
process 1970 - Anthony distribution from the control of the contro	PROVINCIAL CO	NSUMPTIONS 1	/		AMERICAN TO PRESCRIPTION (
2,051,849 x2,035,108 1,916,296	74,374 82,228 68,936	900, 297 x900, 028 886, 462	746,791 749,860 654,597	166, 686 146, 882 156, 327	163,701 155,110 149,974
18,937,482 17,331,511	691,090 591,117	8,746,151 7,974,707	6,752,004 6,136,817	1,486.217 1,387,662	1,262,020 1,240,208
	2,152,179 2,155,364 2,004,433  43,112 42,361 37,990  2,195,291 2,197,725 2,042,423  20,337,203 18,526,072  I 2,051,849 x2,035,108 1,916,296	Total Provinces  MONTHLY  Power  2,152,179	Total   Provinces   Quebec     MONTHLY OUTPUTS     Power	Total Provinces Quebec Ontario  MONTHLY OUTPUTS  Power  2,152,179 52,759 1,098,376 690,517 2,155,364 59,910 x1,103,245 634,168  43,112 22,796 320 31 42,361 23,269 327 30 37,990 17,705 316 43  2,195,291 75,554 1,098,696 x707,873 2,042,423 69,959 1,031,908 634,211  20,337,203 702,277 10,567,626 6,318,299 18,526,072 601,047 9,434,047 5,862,728  PROVINCIAL CONSUMPTIONS 1/  2,051,849 74,374 900,297 746,791 x2,035,108 82,228 x900,028 749,860 1,916,296 68,936 886,462 654,597	Total   Provinces   Quebec   Ontario   Provinces

China and the contract of the					4	NDEX NUMBER
C. "Samuel and the samuel and the sa	January	February _	March	April	May	June
						TOTAL
1935	193,95 201,54	189°22 203°44	191.48	193.80	194.12	193.14
1937	223.35	225.22	210.40 237.66	223°02 239°32	210°30 232°28	215.76 239.83
				0	UTPUT LESS	EXPORTS AND
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69 180.22	173.92	173.51	177.51	176.07	181.29
	4.0VORK	180,02	191.69	1.98 - 08	195.08	200.48

<sup>1/</sup> Production plus provincial imports less provincial exports.
x - Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie	British
		- Constitution - Constitution - Constitution	PRAGE OUTPUTS <sup>2</sup> /	Provinces	Columbia
71,739 69,528 66,814	1,759 1,932 1,742	36,612 x 35,588 34,386	23,017 x 22,834 21,140	4,850 4,092 4,501	5,501 5,082 5,045
1,437 1,366 1,266	760 751 590	11 10 11	1 1 1	660 601 659	5 3 5
73;176 70,894 68,080	2,519 2,683 2,332	36, 623 x35, 598 34, 397	23,018 x22,835 21,141	5,510 4,693 5,160	5,506 5,065 5,050
74, 495 67, 613	2,572 2,193	38, 709 34, 431	23,144 21,397	5,395 5,017	4,675 4,575
	The state of the s	DELIVERIES TO E	LECTRIC BOILERS	THE WAS IN THE PERSON OF THE P	THE PROCESSION OF THE PROCESSI
487,348 491,409 498,474	(3) 1,877 3,170 3,543	386,201 390,056 406,359	67,594 78,690 60,979	(4) 31,181 18,986 27,144	495 507 449
5,440,493 4,989,757	30,075 33,368	4, 325, 311 3, 772, 995	760,892 89 <b>4</b> ,070	319,671 285,717	4,544 3,667
(AVERAGE, 1926	. 100)	the door to the second of the	A ST E I WAS AND THE STATE OF THE STA	MANUAL SECTION OF CHILDREN AND AND AND AND AND AND AND AND AND AN	ESTERNITURE TO THE TOTAL PROPERTY OF THE PROPE
July	August	September 1	October	November	December
191.32 215.84 233.67	194.67 212.47 231.12	198.34 210.97 226.88	205.07 216.25	204.34 215.65	203,40 21,9,36
1	ELECTRIC BOILERS	**			
170.48 182.36 202.60	172.16 182.71 203.38	171.35 184.29 203.36	169.14 183.13	167.77 178.22	166.90 179.39

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

Month .	1933	1934	1935	1936	1937
	1 206 661	1,725,264	2,012,742	2,091,497	2,317,906
January	1,396,661	1,614,425	1,803,447	1,938,978	2,146,578
February	1,299,580	1,797,334	1,943,555	2,135,640	2,412,259
March	1,371,060	1,697,909	1,881,029	2,164,628	2, 322, 884
April	1,296,805		1,923,071	2,083,363	2,301,167
May	1,349,942	1,830,820	1,816,250	2,028,980	2, 255, 338
June	1,370,901	1,708,632	1,791,544	2,021,147	2,188,055
July	1,442,657	1,621,314		2,020,416	2,197,725
August	1,508,216	1,676,865	1,851,153	2,041,423	2,195,291
September	1,489,322	1,627,289	1,919,213	18,526,072	20, 337, 203
Sub Total	12,525,144	15,299,852	16,942,004		20,001,000
October	1,617,608	1,853,226	2,162,569	2,280,508	
November	1,702,363	1,953,512	2,143,314	2;261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	
		EXPORTS TO T	THE UNITED STAT	ES	
The second of the second	OFA DA	100,485	113,878	118,050	134,931
January	48,018	102,151	109,524	110,684	138,041
February	46,440			125,921	172,695
March	45,343	112,115	103,957		164,250
April	35,272	63,105	97,475	1.25,495	
May	42,874	111,000	94, 256	1.30,530	161,033
June	86,673	113,640	107.994	157,870	158,657
July	119,192	105,856	93, 348	157,543	164,057
August	109,592	115,988	130, 305	143,342	x 162,617
September	122,907	107,114	142,177	125,127	143,441
_Sub Total	656,311	931,454	992,914	1,194,562	1,399,722
October	127,243	107,122	146,530	129,323	
November	106,457	99,714	112,305	126,152	
December	99,353	110,508	112,838	128,070	Controperation of the state of
TOTAL	989,364	1,248,798	1,364,587	1,578,107	
	OUTPUT LESS	EXPORTS AND I	DELIVERIES TO E	LECTRIC BOILERS	
January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117.047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1, 387, 512	1,532,912
April	959,513	1,141,203	1,267,776	3.353,606	1,510,508
**	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
May		0	1,245,659	1,353,081	1,496,283
June	1,006,602	1,158,889			1,510,365
July	1,045,695	1,159,301	1,270,867	1,359,445	
August	1,099,524	1,191,218	1,306,710	1,386,797	x1,543,699
September	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
Sub Total	9,247,120	10,642,129	11,573,228	12,341,754	13,496,988
October	1,189,454	1,290,580	1,415,896	1,533,075	
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	1 4,573,600	15,795,176	16.873.344	

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 10

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1937

The output of central electric stations in Canada during October amounted to 2,365,062,000 kilowatt hours. This was an increase of 3.7 per cent over the output of 2,280,508,000 kilowatt hours for October last year, as compared with an increase of 9.1 per cent for the January October output. The increase over the September output of 2,195,291,000 kilowatt hours was less than the normal and the index number dropped from 226.88 to 224.27.

Exports to the United States decreased from 143,441,000 kilowatt hours in September to 142,736,000, but the deliveries of secondary power to electric boilers increased from 487,348,000 kilowatt hours in September to 566,436,000 kilowatt hours. The consumption of firm power increased from 1,564,502,000 kilowatt hours in September and 1,533,075,000 kilowatt hours in October last year to 1,655,889,000 kilowatt hours, an increase of 8 per cent over last year. The index number dropped from 203.36 for September to 197.80.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONT	HLY OUTPUTS			
Generated by Wa	ater Power					
Oct., 1937 Sept., 1937 Oct., 1936	2,318,815 2,152,179 2,237,928	56,076 52,759 59,616	1,205,419 1,098,376 1,170,437	723,352 690,517 689,930	167,898 145,494 163,499	166, <b>0</b> 70 165, <b>0</b> 33 154,446
Generated by Fi	<u>iel</u>					
Oct., 1937 Sept., 1937 Oct., 1936	46,247 43,112 42,580	23,906 22,796 20,147	331 320 326	35 31 48	21,776 19,806 21,937	199 159 122
Total Output						
Oct., 1937 Sept., 1937 Oct., 1936	2,365,062 2,195,291 2,280,508	79,982 75,554 79,763	1,205,750 1,098,696 1,170,763	723,387 690,548 689,978	189,674 165,300 185,436	166,269 165,192 154,568
Total to Date						
1937 1936	22,702,265 20,806,580	782,260 680,810	11,773,376 10,604,810	7,041,636 6,552,706	1,662,587 1,560,133	1,442,406 1,408,121
estates discussiones annuelles de la terreta de la companya del companya de la companya del companya de la companya del la companya de la com	And the state of t	PROVINCI	AL CONSUMPTIC	ins 1/	Section 1997 to the section of the s	
Oct., 1937 Sept., 1937 Oct., 1936	2,222,325 2,051,849 2,151,184	78,502 74,374 78,438	992,107 900,297 1,022,395	795,877 746,791 710,395	191,156 166,686 187,072	164,683 163,701 152,884
Total to Date						
19 <b>37</b> 1936	21,159,807 19,482,695	769,592 669,555	9,738,258 8,997,102	7,547,881 6,847,212	1,677,373 1,574,734	1,426,703 1,393,092
entially program to the programme of the second section second section	Status Aparities only my photosis in photosis in the		American In	AND THE PLANT OF THE PARTY OF THE	or about a pair of the same against	

#### INDEX NUMBERS

MOREO Serverage a fac. I all a nime a final of realiza-			Description of the second section of the se		Colored Walled Colored	
	January	February	March	April	Mav	June
manifestation of the site of manifest the second section of the section	and the second of the second o	eroonera maaaaaan est a aarar	رُحِ فراد في المسلمون المساولين فيني الإن فالمساكد في أ	The state of the s	AND	CL TOOM TO WAS AND
						TOTAL
						101111
1935	193.95	189,22	191.48	193.80	194.12	193.14
1936	201.54	203.44	210.40	223.02	210.30	215,76
1937	223.35	225,22	237.66	239.32	232,28	239.83
	220000	~~00~~	201000	200000	RURORU	203.00
				_00'	TPUT LESS EX	KPORTS AND
1935	164.31	159.85	165.26	166.25	167.53	166.90
1936	172.69	173.92	173.51	777 57	176 07	101 00
			T19°9T	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48

<sup>1/</sup> Production plus provincial imports less provincial exports.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVE	RAGE OUTPUTS <sup>2/</sup>	,	OOLUMDIA
	74,800 71,739 72,190	1,809 1,759 1,923	38,884 36,612 37,756	23,334 23,017 22,255	5,416 4,850 5,274	5,357 5,501 4,982
	1,492 1,437 1,374	771 760 650	11 11 10	1 1 2	703 660 708	6 5 4
	76,292 73,176 73,564	2,580 2,519 2,573	38,895 36,623 37,766	23,335 23,018 22,257	6,119 5,510 5,982	5,363 5,506 4,986
	74,678 68,218	2,573 2,232	38,728 34,770	23,163 21,484	5,469 5,115	4,745 4,617
		(4)	DELIVERIES TO	ELECTRIC BOIL	ERS	Product the Collection opening State of State Collection of State
	566,436 487,348 618,109	(3) 2,532 1,877 4,961	447,539 386,201 496,953	69,880 67,594 70,326	(4) 45,988 31,181 45,385	497 495 484
	6, <b>00</b> 6,930 5,6 <b>07</b> ,866	32,607 38,269	4,772,850 4,269,948	830,772 964,396	365,660 331,102	5,041 4,151
	(AVERAGE, 1926	= 100)	The second seconds to the second of the second seco	The same of the Comment is the con-	Silvani Principia companya widi angi pamoramora aliku aliku dia angi	-
	July	August	September	October	November	December
T	OUTPUT					
	191.32 215.84 233.67	194.67 212.47 231.12	198.34 210.97 226.88	205.07 216.25 224.27	204.34 215.65	203.40 219.36
	DELIVERIES TO	ELECTRIC BOILER	S			
	170.48 182.36 202.60	172.16 182.71 203.38	171.35 184.29 203.36	169.14 183.13 197.80	167.77 178.22	166.90 179.39

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
 New Brunswick only.
 Manitoba only.

### OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1933	1934	1935	1936	1937
January February March April May June July August	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725
September	1,489,322	1,627,289	1,919,213	2,041,423	2,195,291
October Sub Total	1,617,608	1,853,226 17,153,078	2,162,569 19,104,573:	2,280,508 20,806,58 <b>0</b>	2,365,062 22,702,265
November	1,702,363	1,953,512	2,143,31.4	2,261,979	
December	1,707,886	2,052,940	2,156,525	2,325,733	a Serving to the company of the contract of th
TOTAL	17,553,001	21,159,530	23,404,412	25,394,292	Company of the second

### EXPORTS TO THE UNITED STATES

2				The second secon	The se sai quality server serve se se su resulter
January	48,03.8	1.00,485	113,878	118,050	134,931
February	46,440	102,101	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,495	164,250
May	42,874	11.1,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,870	158,657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	3.30, 305	1.43,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	1.29,323	142,736
Sub Total	783,554	1,038,576	1,139,444	1,323,885	1,542,458
November	106,457	99,714	112,305	126,152	and the second s
December	99,353	110,508	112,838	128,070	# 1 2 = 1 TTM
TOTAL	989,364	1,248,798	1,364,587	1,578,107	

### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

					\$ 10 LL T
January	1,052,123	1,216,922	1,344,646	1,413,216	1,474,787
February	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,774	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1,267,776	1,353,606	1,510,508
May	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
June	1,006,602	1,158,889	1,245,659	1,353,081	1,496,283
July	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
September	1,106,841	1,173,190	1,517,312	1,417,821	1,564,502
Ostober	1,189,454	1,290,580	1,415,896	1,533,075	1,655,889
Sub Total	10,436,574	11,932,709	12,989,124	13,874,829	15,152,877
November	1,192,494	1,292,686	1,394,955	1,481,813	
December	1,193,359	1,348,205	1,411,097	1,516,702	
TOTAL	12,822,427	14,573,600	15,795,176	16,873,344	

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Minister of Trade and Commerce

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

# OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA NOVEMBER, 1937

Central electric stations in Ganada produced 2,414,665,000 kilowatt hours during November, as against 2,365,052,000 kilowatt hours in October and 2,261,979,000 kilowatt hours in November last year, and the index number rose from 224.27 for October to 230.21. The increases on a daily basis were 5.4 per cent over October and 6.7 per cent over November, 1936. These comparisons ignore the effect of the extra Sunday in October and also in November last year which would account for two to three per cent of these increases.

Deliveries of secondary power to electric boilers increased from 566,436,000 kilowatt hours in October to 630,424,000 kilowatt hours, but were 3.6 per cent below those of November last year. Exports to the United States rose from 142,736,000 kilowatt hours in October and 126,152,000 kilowatt hours in November, 1936, to 145,546,000 kilowatt hours, the largest November export on record although not the highest in any month.

The consumption of firm power in Canada, computed by subtracting the exports and deliveries to electric boilers from the total output, increased from 1,481,815,000 kilowatt hours last year to 1,638,695,000 kilowatt hours, or by 10.6 per cent, but was 17,184,000 kilowatt hours below October's and the index number dropped from 197.80 for October to 197.08.

AND STATE OF THE PARTY OF THE P	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			LY OUTPUTS			
Generated by Wa	ater Power	Cabarch 1990 Carried Communications				
Nov., 1937 Oct., 1937 Nov., 1936	2,366,624 x 2,318,805 2,219,428	55,952 56,076 59,642	1,252,863 x1,205,409 1,172,593	721,545 723,352 696,848	170,711 167,898 159,017	165,553 166,070 131,238
Generated by F	uel					
Nov., 1937 Oct., 1937 Nov., 1936	48,041 46,247 42,551	24,723 23,906 19,597	355 331 317	30 35 32	22,773 21,776 21,853	160 199 762
Total Output						
Nov., 1937 Oct., 1937 Nov., 1936	2,414,665 x 2,365,052 2,261,979	80,675 79,982 79,239	1,253,218 x1,205,740 1,173,000	721,575 723,387 696,870	193,484 189,674 180,870	165,713 166,269 132,000
Total to Date						
1937 1936	25,116,867 23,068,559	862,935 760,049	13,026,584 11,777,810	7,763,212 7,249,576		1,608,118 1,540,121
GESTERATE Wileschaufen. Die Steinfere Jern Steinfer Stein		PROVINCI	AL CONSUMPTIO	NS 1/		
Nov., 1937 Oct., 1937 Nov., 1936 Total to Date	2,269,119 x 2,222,315 2,135,827	79,165 78,502 77,631	1,039,326 x 992,097 1,020,130	791,538 795,877 725,359	195,045 191,156 182,344	
1937 1936	23,428,916	848,757 747,186	10,777,574 10,017,232	8,339,419 7,572,571		1,590,748 1,523,455

#### INDEX NUMBERS

					DODGE OF THE PARTY	
	January	February	March	April	May	June
						TOTAL
1935 1936 1937	193.95 201.54 223.35	189.22 203.44 225.22	191.48 210.40 237.66	193.80 <u>223.02</u> 239.32	194.12 210.30 232.28	193.14 215.76 239.83
				OU'	PUT LESS EX	PORTS AND
1935 1936 1937	164.31 172.69 180.22	159.85 173.92 180.02	165.26 173.51 191.69	166.25 177.51 198.08	167.53 176.07 195.08	166.90 181.29 200.48

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

 1					
Total	Maritime			Prairie	British
a v vals	Provinces	Quebec	Ontario	Provinces	Columbia
		DAILY AVER	AGE OUTPUTS <sup>2</sup> /		
78,887 74,800 73,981	1,865 1,809 1,988	41,762 38,884 39,089	24,052 23,334 23,228	5,690 5,416 5,301	5, <b>5</b> 18 5,357 4,375
1,601 1,492 1,418	824 771 653	12	1 1 1	759 703 728	5 6 25
80,488 76,292 75,399	2,689 2,580 2,641	41,774 38,895 39,100	24,053 23,335 23,229	6,449 6,119 6,029	5,523 5,363 4,400
75, 200 68, 861	2, 583 2, 269	39,002 35,158	23,243 21,640	5,557 5,197	4,815 4,597
	Dec	T.TVFRTFS TO ET	ECTRIC BOILERS	And the state of t	
630,424 566,436 654,015	(3) 2,962 2,532 5,002	494,629 447,539 517,446	85,523 69,880 80,489	(4) 46,761 45,988 50,483	549 497 595
6,637,354 6,261,881	35,569 43,271	5,267,479 4,787,394	916,295 1,044,885	412,421 381,585	5,590 4,746

(AVERAGE, 1926 = 100)

-	-					
CO. STrang	July	August	September	October	November	December
-	OUTPUT					
	191.32 215.84 233.67	194.67 212.47 231.12	198.34 210.97 226.88	205.07 216.25 224.27	204.34 215.65 230.21	203.40 219.36
	DELIVERIES TO	ELECTRIC BOILER	S			
	170.48 182.36 202.60	172.16 182.71 203.38	171.35 184,29 203.36	169.14 183.13 197.80	167.77 178.22 197.08	166.90 179.39

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

## OUTPUT OF CENTRAL ELECTRIC STATIONS

Manico	333	1934	1935	1956	1937
January February March April May June July August Septembe Novembe Sub Total	1,396,661 1,299,580 1,371,060 1,296,805 1,349,942 1,370,901 1,442,657 1,508,216 1,489,322 1,617,608 1,702,365 15,845,15 1,707,886	1,725,264 1,614,425 1,797,334 1,697,909 2,830,820 1,708,632 1,621,314 1,676,865 1,62,289 1,853,226 1,953,522 19,106,590 2,052,940 21,159,530	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,152,569 2,143,314 21,247,887 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,14 2,020,416 2,041,423 2,280,508 2,261,979 23,068,559 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,195,291 2,365,052 2,414,665 25,116,920

### EXPORTS TO THE UNITED STATES

					and the same of
January February March April May June July	48,018	100,485	113,878	118,050	134,931
	46,440	102,151	109,524	110,684	138,041
	45,343	112,115	103,957	125,921	172,695
	35,272	63,105	97,475	x 125,496	164,250
	42,874	111,000	94,256	130,530	161,033
	86,673	113,640	107,994	x 157,871	158,657
	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	130,305	143,342	162,617
September	122,907	107,114	142,177	125,127	
October	127,243	107,122	146,530	129, 323	142,736
November	106,457	99,714		126, 152	145,546
Sub Total Becember	890,011 99,353	1,138,290	1,251,749	1,450,039	1,688,004
TOTAL	989.364	1,248,798	1,364,587	x1,578,109	

## CUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

i many apple that the other	Specialists of permission to respond	CONTRACTOR CONTRACTOR SERVICES	المنافضين والمستامة والمنافضة والمنافضة والمنافضة والمنافضة		
anuary	1.052,123	1,216,922	1,344,646	1,413,216	1,474,787
Rebruary	949,956	1,117,047	1,193,820	1,298,872	1,344,387
March	1,012,7/4	1,239,377	1,321,545	1,387,512	1,532,912
April	959,513	1,141,203	1. 26 7 176	x 1,353,605	1,510,508
Way	1,014,092	1,244,982	1,304,893	1,371,404	1,519,545
rune	1,006,602	1,158,889	1,245,659	x 1,353,080	1,496,283
ruly	1,045,695	1,159,301	1,270,867	1,359,445	1,510,365
August	1,099,524	1,191,218	1,306,710	1,386,797	1,543,699
5 eptember	1,106,841	1,173,190	1,317,312	1,417,821	1,564,502
October	1,189,454	1,290,580	1,415,896	1,533,075	x1,655,879
November	1,192,194	1,292,686	1.394.955	1,481,813	1,638,695
Sub Total	111,629,068	13.225.395	14.384.079	15,356,642	16,791,562
De ember	1,193,359	1,348,205	1,411,097	1,516,702	A CONTRACTOR OF THE PARTY OF TH
TOTAL	12,822,427	14,573,600	15,793,176	x16.873.342	policiality and the contract of the contract o
		x · Revised.			/

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### DECEMBER, 1937

Central electric stations in Canada produced 2,457,996,000 kilowatt hours during December and the index number rose from 230.21 for November to 231.83. The consumption of firm power (total production less exports and secondary power delivered to electric boilers) dropped from 1,638,703,000 kilowatt hours in November to 1,629,452,000 kilowatt hours and the index number dropped from 197,08 to 192.73. Exports to the United States amounted to 159,093,000 kilowatt hours, as against 145,549,000 kilowatt hours in November and 128,070,000 kilowatt hours in December, 1936. Deliveries of secondary power to electric boilers increased from 630,424,000 kilowatt hours in November to 669,451,000 kilowatt hours but were below the December, 1936, deliveries of 680,960,000 kilowatt hours.

The total output, exports to the United States, deliveries of secondary power to electric boilers, and the consumption of firm power all created new high records in 1937. The total output amounted to 27,574,926,000 kilowatt hours which was 2,180,634,000 kilowatt hours, or 8.6 per cent, above the 1936 record Exports to the United States increased from 1,578,109,000 kilowatt hours in 1936 to 1,847,100,000 kilowatt hours, deliveries to electric boilers rose from 6,942,841,000 kilowatt hours to 7,306,805,000 kilowatt hours, and the consumption of firm power from 16,873,342,000 kilowatt hours to 18,421,022,000 kilowatt hours, or by 9,2 per cent.

Company of 1 hand the first property of the second	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	Břítish Columbia
Generated by W	ater Power	<u>M</u>	ONTHLY OUTPUTS	5		
Dec., 1937 Nov., 1937 Dec., 1936	2,409,935 x 2,366,634 2,283,384	60,432 55,952 61,963	1,282,770 x1,252,873 1,227,435	715,242 721,545 704,988	181,165 170,711 166,080	170,326 165,553 122,918
Generated by F	uel					
Dec., 1937 Nov., 1937 Dec., 1936	48,061 48,041 42,349	23,427 24,723 18,151	355 355 345	42 30 40	23,651 22,773 22,789	586 160 1,024
Total Output						
Dec., 1937 Nov., 1937 Dec., 1936	2,457.396 2,414,675 2,325,733	83,859 80,675 80,114	1,285,125 x1,253,226 1,227,780	715,284 721,575 705,028	204,816 193,484 188,869	170,912 165,713 123,942
Total to Date						
1937 1936	27,574,926 25,394,292	946,794 840,162	14,309,719 13,005,591	8,478,496	2,060,887	1,779,030 1,664,063
* "With Therese And Take get" and "all the optimization of the distribution of the dis	and the state of t	PROVINC	TAL CONSUMPTION	ONS 1/		
Dec., 1937 Nov., 1937 Dec., 1936	2,298,903 x 2,269,127 2,197,662	82,267 79,165 78,534	1,032,743 x1,039,336 1,047,193	808,288 x791,536 759,205	206,381 195,045 190,822	169,224 164,045 121,908
Total to Date						
1937 1936	25,727,827 23,815,184	931,G24 825,~20	11.810,327	9,147,705 8,331,776	2,078,799	1,759,972

INDEX NUMBE Fabruary Warel June January April. May TOTA 1935 193.95 189.22 191.48 193.80 194.12 193.14 201.54 203.44 210.40 215.76 1936 223.02 210.30 237.66 1937 223.35 225.22 239.32 232,28 239.83 OUTPUT LESS EXPORTS Al 1935 167.53 166.90 164.31 159.85 1.65.26 166.25 1936 176.07 172.69 173.92 173.51 177.51 181,29 195.08 1937 180.22 180.02 191.69 198.08 200.48

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

	Total	Maritime Provinces	kuebec	Ontario	Prairie Provinces	British Columbia
	6		DAILY AVERAG	GE OUTPUTS <sup>2</sup> /		
	77,740 78,887 73,658	1,949 1,865 1,999	41,380 41,762 39,595	23,073 24,052 22,742	5,844 5,690 5,357	5,494 5,518 3,965
	1,550 1,601 1,366	756 824 586	11 12 11	1 1 1	763 759 735	-19 - 5 - 33
<u>\$</u>	79,290 80,488 75,024	2,705 2, <del>6</del> 89 2,585	41,391 41,774 39,606	23,074 24,053 22,743	6,607 6,449 6,092	5,513 5,523 3,998
***************************************	75,548 69,657	2,59 <b>4</b> 2,295	39,205 35,808	23,229 21,734	5,646 5,273	4,874 4,547
		(3) <u>DE</u>	LIVERIES TO ELI	ECTRIC BOILERS		
	669,451 630,424 680,960	6,891 2,962 4,086	519,203 494,629 538,576	84,458 85,523 85,254	(4) 58,356 46,761 52,546	543 549 498
	7,306,805 6,942,841	42,460 47,357	5,786,682 5,325,970	1,000,753 1,130,139	470,777 434,131	6,133 5,244

(AVERAGE, 1926 = 100)

	July	August	September	October	November	December
and the Charles	OUTPUT					
	191.32 215.84 233.67	194.67 212.47 231.12	198.34 210.97 226.88	205.07 216.25 224.27	204.34 215.65 230.21	203.40 219.36 231.83
-	DELIVERIES TO E	CLECTRIC BOILER	S			
	170.48 182.36 202.60	172,16 182,71 203,38	171.35 184.29 203.36	169.14 183.13 197.80	167.77 178.22 197.08	166,90 179,39 192,73

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
3/ New Brunswick only.
4/ Manitoba only.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1933	1934	1935	1936	1.937
January	1,396,661	1,725,264	2,012,742	2,091,497	2,317,906
February	1,299,580	1,614,425	1,803,447	1,938,978	2,146,578
March	1,371,060	1,797,334	1,943,555	2,135,640	2,412,259
April	1,296,805	1,697,909	1,881,029	2,164,628	2,322,884
May	1,349,942	1,830,820	1,923,071	2,083,363	2,301,167
June	1,370,901	1,708,632	1,816,250	2,028,980	2,255,338
July	1,412,65	1,621,31%	1, 191, 544	2,021,147	2.188,055
August	1,508,216	1,676,865	1,851,153	2,020,416	2,197,725
Sectember	1,489 389	1.62 249	1.9.9.213	2.041 423	2,195,291
Outobe	libl , or	. Mod 226	3,162,559	2,280,508	2,365,052
November	1,702,363	1,953,512	2,143,314	2,261,979	x2,414,675
December	1,707,386	2,052,940	2 156,525	2.325 733	2,457,996
TOTAL	353,001	2.159 530	25.404,412	25,394,292	27,574,926

#### EXPORTS TO THE UNITED STATES

					and the second s
January	48,018	100,485	113,878	1.18,050	134,931
February	46,440	102,151	109,524	110,684	138,041
March	45,343	112,115	103,957	125,921	172,695
April	35,272	63,105	97,475	125,496	164,250
May	42,874	111,000	94,256	130,530	161,033
June	86,673	113,640	107,994	157,871	158 657
July	119,192	105,856	93,348	157,543	164,057
August	109,592	115,988	1.30,305	143,342	162,617
September	122,907	107,114	142,177	125,127	143,441
October	127,243	107,122	146,530	129,323	142,736
November	106,457	99,714	112,305	126,152	xl45,549
December	99,555	110,508	LLZ 838	758 076	159,093
TOTAL	989,364	1,248,798	1.,364,587	1,578,109	1,847,100

## QUITFUT 1.855 EXPORTS AND DELIVERIES TO ELECTRIC BOTLERS

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

-00

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

## JANUARY, 1938

The output of central electric stations for January was 2,279,298,000 kilowatt hours as compared with 2,317,906,000 kilowatt hours in January last year. This is the first time in over four years that the output for the same month in the previous year has not been exceeded; since April, 1933, nothing but increases has been recorded. The decrease, however, was all in secondary power for electric boilers which declined from 708,188,000 kilowatt hours in January, 1937, to 568,875,000, due undoubtedly to a slowing up in the paper mills; production of newsprint fell off about 23 per cent in January.

Exports to the United States increased from 134,931,000 kilowatt hours to 157,532,000 kilowatt hours and over 86 per cent of this increase was in surplus power.

The consumption of firm power dropped from 1,629,452,000 kilowatt hours in December to 1,552,891,000 kilowatt hours which was more than the seasonal decline and the index number dropped from 192.73 to 189.76, but it was 5.3 per cent above the January 1937 firm power consumption. Both Januarys contained five Sundays and five Saturdays so the outputs were for approximately the same productive periods.

and the second of the second o	Notal	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTH	LY OUTPUTS			
Generated by Wa	ater Power					
Jan., 1938 Dec., 1937 Jan., 1937	2,240,974 2,409,935 2,276,386	53,134 60,432 66,419	1,192,573 1,282,770 1,206,407	660,634 715,242 722,502	166,734 181,165 171,701	167,899 170,326 109,357
Generated by F	uel					
Jan., 1938 Dec., 1937 Jan., 1937	38,324 48,061 41,520	15,244 23,427 17,407	338 355 325	60 42 24	22,425 23,651 22,295	257 586 1,469
Total Output						
Jan., 1938 Dec., 1937 Jan., 1937	2,279,298 2,457,996 2,317,906	68,378 83,859 83,826	1,192,911 1,283,125 1,206,732	660,694 715,284 722,526	189,159 204,816 193,996	168,156 170,912 110,826
		PROVINCIAL				
Jan., 1938 Dec., 1937 Jan., 1937	2,121,766 2,298,903 2,182,975	66,833 82,267 81,959	928,096 1,032,743 1,029,923	769,637 808,288 766,342	190,563 206,381 195,683	166,637 169,224 109,068

### INDEX NUMBERS

	January	February	Marcn	April	May	June
1936 1937	201.54 223.35	x 196.42 225.22	210.40 237.66	<u>223.02</u> 239.32	210.30 232.28	TOTAL 215.76 239.83
1938	219.63	x 167,92	173,51	177.51	OUTPUT LESS I	EXPORTS AND
1937 1938	180.22	180 02	191.69	198,08	195,08	200,48

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

	and any distributions by the same and the sa	Annual specification of the state of the state of	7				
	Total	Maritime Provinces	Luebec	Ontario	Prairie Provinces	British Columbia	
			DAILY AVERA	AGE OUTPUTS <sup>2</sup> /			
	72,289 77,740 73,432	1,714 1,949 2,142	38,470 41,380 38,916	21,311 23,073 23,307	5,378 5,844 5,539	5,416 5,494 3,528	
	1,236 1,550 1,739	492 756 562	11 11 10	2 1 1	723 763 719	<b>8</b> 19 47	
	73,525 79,290 74,771	2,206 2,705 2,704	38,481 41,391 38,926	21,313 23,074 23,308	6,101 6,607 6,258	5,424 5,513 3,575	
		(3) <u>DE</u>	LIVERIES TO ELI	ECTRIC BOILERS	(4)		
On pr	568,875 669,451 708,188	2,617 6,891 6,335	431,313 519,203 557,107	83,317 84,458 89,496	(4) 51,180 58,356 54,740	448 543 510	

(AVERAGE, 1926 = 100)

Electrical designation of the last of the	July	August	September	October	November	December
Company	OUTPUT			The same of the state of the same of the s		
	215.84 233.67	212.47 231.12	210.97 x 227.81	216.25 224.27	215.65 230.21	219.36 231.83
-	DELIVERIES TO	ELECTRIC BOILER	S			
	182.36 202.60	182.71 203.38	184.29 x 204.53	183.13 197.80	178.22 x 196.34	1 <b>79.39</b> 192.73

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 3/ New Brunswick only. 4/ Manitoba only.

### OUTPUT OF CENTRAL ELECTRIC STATIONS

Menth	1934	1935	1936	1937	1938
January February March April May June July August September October November December	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 x2,204,291 2,365,052 x2,414,676 2,457,996	2,279,298
TOTAL	21,159,530	23,404,412	25,394,292	x27,583,92 <b>7</b>	

#### EXPORTS TO THE UNITED STATES

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May June July August	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,366,797	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699	1,552,891
September October November December	1,173,190 1,290,580 1,292,686 1,348,205	1,317,312 1,415,896 1,394,955 1,411,097	1,417,821 1,533,075 1,481,813 1,516,702	x1,573,502 1,655,879 x1,632,494 1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	x18,423,813	

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W.D.EULER, M.P., 57-001
Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

10. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### FEBRUARY, 1938

Deliveries of secondary power to electric boilers during February declined from 664,150,000 kilowatt hours in 1937 to 513,451,000 kilowatt hours, or by 23 per sent. Exports to the United States also declined from 138,041,000 kilowatt hours to 123,095,000 kilowatt hours, or by 11 per cent. This decrease in exports was practically all in off-peak and surplus power. These decreases reduced the total output from 2,146,578,000 kilowatt hours in February 1937 to 2,057,604,000 kilowatt hours, or by 4.1 per cent, and the index number dropped from 225,22 for February, 1937, and 219.73 for January, 1938, to 215.38.

The consumption of firm power, however, rose from 1,344,387,000 kilowatt hours in February last year to 1,421,059,000 kilowatt hours, or by 5.7 per cent, and the index number, adjusted for seasonal variations, rose from 180.02 for February, 1937, and 189.89 for January, 1938, to 190.28.

The pulp and paper mills show a reduction in production of around 26 per cent in February. These mills take about two thirds of the secondary power delivered by central electric stations for electric boilers and around 25 to 30 per cent of the firm power. It is quite probable these mills reduced their consumption of electric energy by around 26 per cent and, if they did, the consumption of firm power by other industries and for lighting and residential uses increased by 11 to 12 per cent over the February, 1937, consumption.

CONTRACTOR OF ALL ALL DESCRIPTIONS OF A PARTY OF A PART	Te tal	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
Generated by Wa	etar Pawer	MC	NTHLY OUTPUTS			
delle l'a cett iv	a cer a c wer					
Feb., 1938 Jan., 1938 Feb., 1937	2,020,791 x2,242,029 2,108,188	52,434 53,134 54,656	1,098,003 x1,193,628 1,131,109	572,810 660,634 671,594	149,448 166,734 1 <b>4</b> 9,058	148,096 167,899 101,771
Generated by Fi	<u>lel</u>					
Feb., 1938 Jan., 1938 Feb., 1937	36,813 38,324 38,390	15,958 15,244 17,551	301 338 285	47 60 18	19,656 22,425 19,293	851 257 1,243
Total Output						
Feb., 1938 Jan., 1938 Feb., 1937	?,057,604 x2,280,353 2,146,578	68,392 68,378 72,207	1,098,304 x1,193,966 1,131,394	572,857 660,694 671,612	169,104 189,159 168,351	148,947 168,156 103,014
Total to Date						
1938 1937	4,337,957 4,464,484	136,770 156,033	2,292,270 2,362,289	1,233,551	358, 263 362, 347	317,103 213,840
Consequent and the State of State of the Sta		PROVINC	IAL CONSUMPTIO	NS 1/	The American State of the State	Control of the Contro
Feb., 1938 Jan., 1938 Feb., 1937 Total to Date	1,934,509 x2,122,821 2,008,537	67,198 66,833 70,653	862,704 x929,151 965,478	686,658 769,637 701,132	170,559 190,563 169,854	147,390 166,637 101,420
1938 1937	4,057,330 4,191,512	134,031 152,612	1,791,855 1,995,401	1,4 <b>5</b> 6,295 1,467,474	361,122 365,537	314,027 210,488

#### INDEX NUMBERS

					Professional Control of the Control	
	January	February_	Marth	April	May	June
						TOTAL
1936	201.54	196.42	210.40	223,02	210,30	2.15.76
1937	223.35	225, 22	237.66	239,32	232,28	239.83
1938	<b>x</b> 219.73	215.88				
				OU	TPUT LESS E	XPORTS ANI
1936	172.69	167,92	173.51	177 5.	176,07	181.29
1937	180,22	180.02	191.69	198,08	195.08	200.48
1938	x1.89,89	190.28				

<sup>1/</sup> Production plus provincial imports less previncial exports.

x Revised.

-	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAG	E OUTPUTS 2/		301011010
	72,171	1,873	39,214	20,457	5,338	5,289
	x72,323	1,714	x38,50 <b>4</b>	21,311	5,378	5,416
	75,292	1,952	40,396	23,986	5,323	3,635
	1,315	570	11	2	702	30
	1,236	49 <b>2</b>	11	2	723	8
	1,371	627	10	1	689	44
	73,486	2,448	39,225	20,459	6,040	5,319
	x73,559	2,206	x38,515	21,313	6,101	5,424
	76,663	2,579	40,406	23,987	6,012	3,679
	73, 525	2,318	38,852	20,908	6,072	5,375
	75, 669	2,645	40,038	23,220	6,142	3,624
		DEL]	IVERIES TO ELECT	RIC BOILERS		inered in the control of the control
	513,451 568,875 664,150	4,503 2,617 3,477	382,936 431,313 529,932	80,241 83,317 81,679	(4) 45,385 51,180 48,585	386 448 477
	1,082,326	7,120	814,249	163,558	96,565	834
	1,372,338	9,812	1,087,039	171,175	103,325	987

(AVERAGE, 1926 = 100)

July	August	September	October	November	December
215.84	212°47	210.97	216.25	215.65	219.36
233.67	231°12	227.81	224.27	230.21	231.83
 DELIVERIES TO	ELECTRIC BOILERS	2			
182.36	182,71	184 <u>.29</u>	183.13	178.22	179.39
202.60	203,38	204.53	197.80	196.34	192.73

<sup>2/</sup> No allowance is made for the effect of holidays. Sundays or Saturdays, etc. 3/ New Brunswick only. 4/ Manitoba only.

## OUTPUT OF CENTRAL ELECTRIC STATIONS

Month	1934	1935	1936	1937	1938
Called				0 HT M 000	A 804 807
January	1,725,264	2,012,742	2,091,497	2,317,906	x2, 280, 353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,604
Sub Total	3,339,689	3,816,189	4,030,475	4,464,484	4,337,957
March	1,797,334	1.943,555	2,135,640	2,412,259	
April	1,697,909	1,881,029	2,164,628	2,322,884	
May	1,830,820	1,923,071	2,083,363	2,301,167	
June	1,708,632	1,816,250	2,028,980	2,255,338	
July	1,621,314	1,791,544	2,021,147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,456,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25,394,292	27,585,927	A CANONIA CONTINUE A MORNING TO THE PROPERTY OF THE PARTY

## EXPORTS TO THE UNITED STATES

a war to the action of the second of the second of the	THE SHELL OF SPICE OF THE STATE OF THE SECOND	AT THE R. P. LEWIS AS A STATE OF THE PROPERTY OF THE P. S. P.	to the sale of the	a companient of a contract of a said about about	Stranger stranger and and other strangers and and strangers
January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,095
Sub Total	202,636	223,402	228,754	272,972	280,637
March	112,115	103,957	125,921	1.72,695	
April	63,105	97,475	125,496	164,250	
May	111,000	94,256	1.30,530	161,033	
June	113,640	107,994	1.57,871	158,657	
July	105,856	93,348	1.57, 543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	allen in the second on the second second designation of the second secon
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February Sub Total March April May June July August September October	1,216,922 1,117,04° 2,333,969 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580	1,344,646 1,193,820 2,538,466 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896	1,413,216 1,298,872 2,712,088 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 2,386,797 1,417,821 1,535,075	1,474,787 1,344,387 2,819,174 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	x1,553,946 1,421,059 2,975,005
October November December	4 4			0 "	:
TOTAL	14,573,600	15,795,176	16,873,342	13,423,813	

# DEPT. OF POLITICAL SCIEN UNIVERSITY OF TORONTO

101

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1938

Central electric stations produced 2,257,880,000 kilowatt hours during March, as against 2,412,259,000 kilowatt hours last year. This was a decrease of 154,379,000 kilowatt hours, or 6.4 per cent, but the deliveries of secondary power to electric boilers declined by 168,242,000 kilowatt hours and exports to the United States declined by 28 605,000 kilowatt hours, 84 per cent of which was off peak power. Consequently the consumption of firm power in Canada increased by 42,469,000 kilowatt hours, or 2.8 per cent, and the index number rose to 197,00 from 191.69 for March, 1937, and 191.82 for February, 1938.

Compared with last year deliveries of secondary power to electric boilers declined from 706,651 000 kilowatt hours to 538 409,000 kilowatt hours, each of the five geographical divisions showing decreases.

Exports to the United States amounted to 144,090,000 kilowatt hours, of which 29,824,000 kilowatt hours were off peak power, as against total exports of 172,695,000 kilowatt hours for March, 1937. On a daily basis exports were 3 per cent below February exports.

Chair Seminary Printegerore Sall Contrapping and Table 200, 200, 200, 200, 200, 200, 200, 200	and the state of t	optimization to the site of the second	The section was a second with the second	and the state of t	print to the married on the party of	in because medianeconscionores
and the second of the second o	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbi
Generated by Water Power		MONTHLY OUTPUTS				
March, 1938 Feb., 1938 March, 1937	2,221,460 x 2,020,785 2,372,071	54,660 52,434 59,967	1,224,324 1,098,003 1,249,212	627,672 x572,804 773,731	152,795 149,448 156,865	162,00 148,09 132,29
Generated by Fue	el .					
March, 1938 Feb., 1938 March, 1937	36,420 36,813 40,188	15,847 15,958 18,693	31.8 301. 304	30 47 16	20,092 19,656 19,601	13: 85: 1,57
Total Output						
March, 1938 Feb., 1938 March, 1937	2,257,880 x 2,057,598 2,412,259	70,507 68,392 78,660	1,224,642 1,098,304 1,249,516	627,702 x572,851 773,747	172,887 169,104 176,466	162,14; 148,94; 133,870
Total to Date						
1938 1937	6,595,831 6,876,743	207,277 234,693	3,516,912 3,587,642	1,861,247 2,167,885	531,150 538,813	479,249 347,710
		PROVINC	n 9 in 2005 demokration made has after in America	the Second relative described		
March, 1938 Feb., 1938 March, 1937	2,113,790 x 1,934,504 2,239,564	68,937 67,198 77,175	966,197 862,704 1,058,899	743,722 x 686,653 793,243	174,293 170,559 178,077	160,641 147,390 132,170
Total to Date						
1938 1937	6,171,115 6,431,076	202,968 229,787	2,758,052 3,054,300	2,200,012 2,260,717	535,415 543,614	474,668 342,658
		March St. Later Service St. V. Co.	A CO DOMEST COME TO SERVE			

INDEX NUMBERS January February March April May June TOTAL 1936 201.54 196.42 210.40 223.02 210.30 215.7€ 1937 223.35 225.22 237.66 239.32 232.28 239.83 1938 219.73 215.88 222.45 OUTPUT LESS EXPORTS AND 1936 172.69 167.92 173.51 177.51 176.07 181.29 1937 180.22 180.02 191.69 198.08 195.08 200.48 1938 189.89 x191.82 197.00

x Revised.

<sup>1/</sup> Production plus provincial imports less provincial exports.

			(Thousands o	of Kilowatt Hou	rs)	
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AV	ERAGE OUTPUTS 2		- OZZAMDIA
	71,660 72,171 76,518	1,763 1,873 1,934	39,494 39,214 40,297	20,248 20,457 24,959	4,929 5,338 5,060	5,226 5,289 4,268
	1,174 1,315 1,296	511 570 603	10 11 10	1 2 1	648 702 632	· 4 30 50
	72,834 73,486 77,814	2,274 2,443 2,537	39,504 39,225 40,307	20,249 20,459 24,960	5,577 6,040 5,692	5.230 5,319 4,318
	73,287 76,408	2,303 2,608	39,077 39,863	20,680 24,087	5,902 5,987	5,325 3,863
DELIVERIES TO ELECTRIC BOILERS						
24	538,409 501,964 706,651	(3) 3,042 4,503 4,492	410,818 x371,449 554,903	81,795 80,241 100,972	(4) 42,437 45,385 45,737	317 386 547
	,609,248 ,078,989	10,162 14,304	1,213,580 1,641,942	245,353 272,147	139,002 149,062	1,151 1,534
(AV	ERAGE, 1926	= 100)	•	The state of the s		And Commission of Management in Management in State of St
	July	August	September	October	November	December
	PUT 215.84 233.67	212.47 231.12	210.97 227.81	216.25 224.27	215.65 2 <b>30.21</b>	219.36 231.83

227.81 224.27 230.21 231.83 DELIVERIES TO ELECTRIC BOILERS 182.36 182.71 184,29 183.13 178.22 179.39 202.60 203.38 204.53 197.80 196.34 192.73

3/ New Brunswick only. 4/ Manitoba only.

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

		( TITO O BOTTO D OF	WITT Marie Hours	Annual Control of the	
Mer th	_934	1935	1936	1937	1938
Continued to the second to the	and a second and and the second and a				
January	1,725,264	2.012,742	2,091,497	2,317,906	2,280,353
February	7 6:4 425	1 803 447	1.938.978	2,146,578	x2,057,598
Marin	1,79/,354	943,555	2,135,640	2,412,259	2,257,880
Sub Tetai	5. 137,023	5.159.744	6.166.115	6,876,743	6,595,831
April	1 69 909	1 881 029	2 164,628	2,322,884	
May	1.830 820	; .923 0 ]	2 083, 363	2.301,167	
- 1) L1 &=	1 :08 632	. 816 25C	2 028 980	2 255 338	
July	1,621,314	1,791,544	2,021,14"	2,188,055	
Augris	1 8 6 800	185 53	2 020 414	2, 197, 25	
Septembe	. 32 289	1 9, 9 2, 3	2 041 423	2.204.291	
October	3.853.223	2 162 569	2,280,508	2,365,052	
Nevember	1,953,512	2,143 314	2,261,979	2,414,676	
De mitter	2, 625, 940	2 , 56 524	2, 325 (33	2.457.996	
TOTAL	21. 439. 530	23.404.4.2	25, 394, 292	25,583,927	

#### EXPORTS TO THE UNITED STATES

			the same after a contract of the track past and track	ALCOHOLOGICAL IN THE PROPERTY OF THE PROPERTY OF	ACT AND
'anua cy	(°C 485	.13878	8_050	134,931	157,532
February	102.151	109.524	110,684	138,041	x 123,094
Mar 1	12,12	103 95	25. 92	172,695	144,090
Sub Tital	3.4 3	The state of the s	354,, 555	445, 66	424,716
April	63,105	91.475	125,496	164,250	
May	111.000	94.256	1.30.,530	161,033	
June	213,640	107.994	151.871	158,657	
July	1.05 .856	93, 348	157,543	164,057	
August	115,988	130,305	143.342	162,617	
September	10/,114	1.42,177	125,127	143,441	
Ontober	10% 122	145,530	129.323	142,736	
November	99.714	112,305	1.26,152	145,549	
De ember	110,508	112.838	128.070	159,093	
TOTAL	248. 198	<u> </u>	1.5.8.109	1,847,100	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

The state of the s	CONTRACTOR OF THE PROPERTY OF THE PROPERTY OF THE PARTY.	promise of the second mention of the contract of	proposal and the second of the second	JACTORIA Almagar Streetweet, or requestional professional disease.	Allerton particular and the second se
Jaruary	1 216 922	344 645	1,413,216	1,474,787	1,,553,946
February	1,117,047	1,193,820	1,298,872	1,344,387	xl, 432, 540
Mar h	1,239,3 1	1.321.345	38 512	1.532.912	1,575,381
Sub Total	3,573,346	3,860,011	4,099,600	4,352,086	4,561,867
April	1,141,203	1.267,776	1,353,605	1,510,508	
May	1.,244,982	1,304,893	1.,371,404	1,519,545	
June	1,158,889	1,245,659	1.353,080	1,496,283	
July	1,159,301	1,,270,867	1.359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1.,481.81.3	1,632,494	
December	1,348,205	1,411,097	1,516,702	1,629,452	
TOTAL	14 5 3,500	15, 795, 175	. 16,8 3,342	18,423,813	

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

57-001

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 4

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief Transportation and Public Utilities Branch, G.S. Wrong. B Sc

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1938

The output of central electric stations for April dropped from 2,322,884,000 kilowatt hours last year to 2,063,961,000 kilowatt hours and the index number declined from 239.32 for April, 1937, and 196,22 for March, 1938, to 193,74.

Exports to the United States amounted to 135,616,000 kilowatt hours, as against 164,250.000 kilowatt hours in April last year and 144,091,000 kilowatt hours in March. Over half of this decrease from last year was in off peak power exports which dropped from 45,750,000 kilowatt hours to 30,339,000 kilowatt hours.

Deliveries of secondary power to boilers dropped from 648,127,000 kilowatt hours in April last year and 544.966 000 kilowatt hours in March to 450.968,000 kilowatt hours.

The consumption of firm power in Canada was 1,477,377,000 kilowatt hours which was a decrease from last year's of 33,131,000 kilowatt hours, or 2.2 per cent, and the index number dropped from 198,08 for April, 1937, and 196,22 for March, 1938, to 193,74. This is the first month since April, 1933, that the consumption of firm power has not been greater than for the corresponding month of the previous year.

The state of the s	Total.	Maritime Provinces	Quebec	Ontario	Prairi <b>e</b> Provinces	British Columbia
		MONTHLY	OUTPUTS			
Generated by Wat	er Power	Ì				
April, 1938 March, 1938 April, 1937	2,030,477 x 2,221,777 2,285,834	52,908 54,660 58,157	1,077,792 x 1,224,640 1,180,615	593,366 627,672 748,169	149,548 152,795 149,987	156,863 x162,010 148,906
Generated by Fue	1					
April, 1938 March, 1938 April, 1937	33,484 36,420 37,050	14,759 15,847 18,411	31.5 31.8 294	34 30 15	18,259 20,092 18,128	11 / 135 202
Total Output						
April, 1938 March, 1938 April, 1937	2,063,961 x 2,258,197 2,322,884	67., <b>667</b> <b>70</b> ,,507 76.,568	1,078,107 x 1,224,958 1,180,909	593,400 627,702 748,184	167,807 172,887 168 115	156.980 x162,143 149.108
Total to Date						
1938 1937	8,660,1.09 9,199,627	274,944 311,261	4,595,335 4,865,901	2,454,647 2,818,719	698,957 706,928	636 228 496.818
( g seg-interregions as an in the second		PROVINCIAL C	CONSUMPTIONS 1/	/	C. 1926 White and O This is the 18 1 Year Count	The Base of the Control of the Contr
April, 1938 March, 1938 April, 1937	1,928,345 x 2,114,106 2,158,635	66,248 68,937 75,211	847,581 x 966,513 1,000,967	689,822 743,722 765,318	169,193 174,293 169,466	155,501 160,641 141,673
Total to Date 1938 1937	8,099,776 8,589,711	269 23.6 304,998	3,605,949 4,055,267	2,889,834 3,026,035	70 <b>4</b> .608 713 080	630, 1.69 490, 331

#### INDEX NUMBERS

p Mininger page that there is a big Sympton  The North St.	January	February	March	April	Max	June
						TCTAL
1936 193 1938	201 54 223 35 219 73	1.96,42 225,22 215,88	210.40 237.66 x 222.48	223.02 239.32 212.65	270,30 232 28	27 5 . 75 259 . 83
					OUTPUT LESS	EXPORTS AN
1936 1937 1939	172 69 180 22 189 89	167 92 180,02 191,82	1.73.51 1.91.69 x1.96.22	177.51 198.08 193.74	1.760% 1.9508	181°29 200°48

<sup>1/</sup> Pr.duction plus provincial imports less provincial exports Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
		The second secon	DAILY AVERAGE OUTPUTS 2/					
67,683	1,764	35,926	19, 779	4.,985	5, 229			
x 71,670	1,763	x <b>39,504</b>	20, 248	<b>4</b> ,929	5 226			
76,194	1,939	39,353	24, 939	5,000	<b>4</b> , 963			
1,176	492	10	1 1	609	4			
1,174	511	10		648	4			
7,235	614	10		604	6			
68, 799	2,256	35,936	19,780	5 594	5 233			
x 72, 844	2,274	x 39,514	20,249	5 5 1	5 230			
77, 429	2,553	39,363	24,940	5 604	4 969			
72,167	2,291	38,294	20, 455	5.8 <b>2</b> 5	5 302			
76,663	2,594	<b>4</b> 0,549	23, 489	5.891	4 /40			
450,968 x 544,966 648,12?	(3) 5,066 3,042 3,462	ELIVERIES TO EL 327,898 x 417,375 510,741	ECTRIC BOILERS 77.372 81.795 90,893	(4) 40, 336 42, 437 42, 475	276 377 556			
2,066,773	15.228	1.,548.035	322, 725	179,888	. 44			
2,727,116	17.766	2,152.683	363,040	191,587	2 090			

AVERAGE, 1926 - 100)

Ille Je namenannomine.	AUGUST.	September		Novamber	( December
OUTPUT					
<b>235.84</b> 233.6	212.47 231,12	210.97 227,8)	2) 6 25 224 2	215 55 230,21	21.9 36 231 83
DELIVERIES TO E	LECTRIC BOILERS				
182 36 202 60	182:71 <u>203:38</u>	18 <b>4</b> 29 204 53	183 +3 19 * 80	1 /8 22 196 34	. 19 sq . 42 13

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only. 4/ Manitoba only.

Month	1934	1935	1936	1937	1938
January February March April Sub Total May June July August September October November December	1,725,264 1,614,425 1,797,334 1,697,909 6,834,932 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512 2,052,940	2,012,742 1,803,447 1,943,555 1,881,029 7,640,773 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 8,330,743 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 9,199,627 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,280,353 2,057,598 x 2,258,197 2,063,961 8,660,109
TOTAL.	21, 159, 530	23,404,412	25,394,292	27,583,927	- democracy and the democracy

#### EXPORTS TO THE UNITED STATES

_62 here remained and the way _go * remained to * remaining	Care there the state the section of the content of the content of the content of the section of	and the state of t	and the state of t	or actioning where some con promoner contrates	The same of
January February	100, <b>4</b> 85 102,151	113,878 109,524	118,050 110,684	134,931 138,041	157,532 123,094
March	112,115	103,957	1.25,921	172,695	x 144,091
April	63,105	97,475	125,496	164,250	135,616
Sub Total	377,856	424,834	480,101	6,09,91,7	560, 333
May	111,000	94,256	130,530	161,033	
June	113,640	107,994	157,871	158,657	
July	105,856	93,348	157,543	164,057	
August	115,988	130,305	143,342	162,617	
September	107,114	142,177	125,127	143.441	
October	107,122	146,530	129, 323	142,736	
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	mental segmental control of the cont
TOTAL.	1,248,798	1,364,587	1,578,109	1,847,100	ng - ety a rhannagermagnerity - ety i hyprodyssoudpe - eth i, 3mor Mintellinerit

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

· at myself-see the case of the see that the see	The state of the second	And the second section of the second second second second section section second section second second section second section	more a many and and a many	" the is not to an experience " is some	Ambition of 1971, N. to Still Still Still and the second s
January	1,216,922	1. 344.648	1 413 216	1 474 787	1,553 946
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	x 1,569,139
April	1,141,203	1,26: 776	1,353,605	1,510.508	1,477,377
Sub Total	4, 714, 549	5.127.787	5,453,205	5,867,594	6,033,003
May	1,244,982	1,304,893	1,371,404	1,519,545	
June	1,158,889	1,245,659	1, 353, 080	1,496,283	
July	1,159,301	1,270,867	1,359,445	1,510,365	
August	1,191,218	1,306,710	1,386,797	1,543,699	
September	1,173,190	1,317,312	1,417,821	1,573,502	
October	1,290,580	1,415,896	1,533,075	1,655,879	
November	1,292,686	1,394,955	1,481,813	1,632,494	
December	1,348,205	1,411,097	1,,516,702	1,629,452	
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	

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Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 5

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MAY, 1938

The output of central electric stations during May was 2,081,935,000 kilowatt hours, which was 9.5 per cent below the May, 1937, output and slightly less than the May, 1936, output. A reduction in the requirements of the pulp and paper mills was the main factor in the decreases and the deliveries of secondary power to electric beilers, the majority of which are in pulp and paper mills, declined from 620,589,000 kilowatt hours in May, 1937, and 581,429,000 kilowatt hours in May, 1936, to 423,902,000 kilowatt hours. This item accounted for 90 per cent of the decrease from last year.

Exports to the United States amounted to 155,292,000 kilowatt hours, as against 161,033,000 kilowatt hours last year and 130,530,000 kilowatt hours in 1936,

Consumption of firm power at 1,502,741,000 kilowatt hours was only 1.1 per cent below the May, 1937, consumption and the index number declined from 193.72 for April, 1938, and 195.08 for May, 1937, to 192.93.

Cathyland and September 100 and the Septembe	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	B <sub>r</sub> itish Columbia
		MONTHLY OUTPUTS				
Generated by Wat	ter Power					
May, 1938 April,1938 May, 1937	2,049,165 2,030,477 2,263,371	54, 537 52, 908 56, 881	1;063,386 1,077,792 1,164,740	617,048 593,366 744,340	150,304 149,548 146,671	163,890 156,863 150,739
Generated by Fue	1					
May, 1938 April,1938 May, 1937	32,770 x 33,324 37,796	13,922 x 14,599 19,749	308 315 301	24 34 15	18,399 18,259 17,625	117 117 106
Total Output May, 1938 April,1938 May, 1937	2,081,935 x 2,063,801 2,301,167	68,459 <b>x</b> 67,507 76,630	1,063,694 1,078,107 1,165,041	617,072 593,400 744,355	168,703 167,807 164,296	1.64,007 156,980 150,845
<u>Total to Date</u> 1938 1937	10,741,884 11,500,794	343,243 387,891	5,659,029 5,933,592	3,071.,71.9 3,660,424	867,660 871,224	800 <sub>9</sub> 233 647 <sub>9</sub> 663
our hater market water of the second of	The state of the s	PROVINCIAL	CONSUMPTIONS 1,	the estimate decide actions of the second	The second secon	
May, 1938 April,1938 May, 1937 Total to Date	1,926,643 1,928,345 2,140,134	67,150 66,248 75,671	835, 803 ···· 847, 581 990 <sub>9</sub> 226	691,076 689,822 759,166	170,251 169,193 165,698	162, 363 155, 501 149, 373
1938 1937	10,026,419 10,729,845	336, 366 380, 66 <b>9</b>	<b>4</b> ,441.752 5,045,493	3,580,910 3,785,201	874,,359 878 <sub>9</sub> 778	792,53 <b>2</b> 639,70 <b>4</b>

INDEX NUMBERS

THE RESERVE OF THE PROPERTY OF							
Colly page 2007 . I have the select the total to the tender and th	January	February	March	April	May	June	
						TOTAL	
1936	201.54	196,42	210.40	223,02	210.30	215.76	
1937	<b>2</b> 23。 <b>35</b>	225.22	237,66	239.32	232, 28	239.83	
1938	219.73	215,88	222,48	x 212.63	210,15		
				<u>ou</u>	TPUT LESS E	XPORTS ANI	
1936	172,69	161,92	1:73,51	177.51	176.07	181.29	
1937	180, 22	180,02	191.69	198,08	1.95.08	200.48	
1938	189.89	191.82	1.96, 22	x 193, 32	192,93		

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

The state of the s					
Total	Maritime Provinces	Quebec	0.4	Prairie	British
		* COCOCC	Ontario	Provinces	Columbia
		DAILY AV	VERAGE OUTPUTS	2/	
				1	
66,102 67,683 73,012	1,759 1,764 1,835	34,303 35,926 37,572	19,905 19,779 24,011	4,848 4,985 4,731	5,287 5,229 4,863
1,057 x 1,111 1,219	449 <b>x 4</b> 87 637	10 10 10	1 1 1	593 609 568	4 4 3
67,159 x 68,794 74,231	2,208 x 2,251 2,472	34, 313 35, 936 37, 582	19,906 19,780 24,012	5,441 5,594 5,299	5, 291 5, 233 4, 866
71,138 76,164	2,273 2,569	37,477 39,295	20,342 24,241	5,746 5,770	5,300 4,289
		DELIVERIES TO	ELECTRIC BOIL	ERS	The state of the s
423,902 450,968 620,589	(3) 8,914 5,066 1,663	310,965 327,898 493,737	69,137 77,372 88,525	(4) 34,604 40,336 36,187	. 282 <b>2</b> 96 477
2,490,675 3,347,705	24,142 19,429	1,859,000 2,646,420	391 <sub>0</sub> 862 451 <sub>0</sub> 565	213,942 227,724	1,729 2,567

AVERAGE, 1926 = 100)

AND THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS					
July	August	September	October	November	December
<u>0UTPUT</u> 215.34 233.67	212.47 231.12	2] 0.97 227.81	216, 25 224, 27	215,65 230,21	219.36 231.83
DELIVERIES TO E 182.36 202.60	LECTRIC BOILERS 182.71 203.38	184,29 204,53	183 1.3 1.97, 80	178.22 196 34	179,39 192,73

No allowance is made for the effect of holidays, Sundays or Saturdays, etc., New Brunswick only.

4/ Manitoba only.

(Industries of Milonage Route)							
Month	1934	1935	1936	1937	1938		
January	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353		
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598		
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197		
April	1,697,909	1,881,029	2,164,628	2,322,884	x 2,063,801		
May	1,830,820	1.923,071	2,083,363	2.301.167	2.081.935		
Sub Total	8.665.752	9,563,844	10,414,106	11.500,794	10,741,884		
June	1,708,632	1,816,250	2,028,980	2,255,338			
July	1,621,314	1,791,544	2,021,147	2,188,055			
August	1,676,865	1,851,153	2,020,416	2,197,725			
September	1,627,289	1,919,213	2,041,423	2,204,291			
October	1,853,226	2,162,569	2,280,508	2,365,052			
November	1,953,512	2,143,314	2,261,979	2,414,676			
December	2.052.940	2,156,525	2.325.733	2,457,996			
TOTAL	21.159,530	23,404,412	25,394,292	27,583,927	The Co. St. Line Co. also represent the second seco		
CC Stifenest Compilement Compilement and an extension of the Spirit Compilement and an extension of the Compilement and an extension of th	Provident Company of the company of the second company				The order information of the Special Proceedings of the Committee and the committee of the		
(complements to response to the supple comments of the constraints)	Agencialeuro (C. Los como como como como como como como co	EXPORTS TO	THE UNITED STAT	ES	and the state of the same of t		
January	100,485	113,878	118,050	134,931	157,532		
February	102,151	109,524	110,684	138,041	123,094		
March	112,115	103,957	125,921	172.695	144,091		
April	63,105	97,475	125,496	164,250	135,616		
May	111,000	94,256	130,530	161.033	155,292		
Sub Total	488,856	519,090	610.681	770,950	715,625		
June	113,640	107,994	157,871	158,657			
July	105,856	93,348	1.57, 543	164,057			
August	115,988	130,305	143,342	162,617			
September	107,114	142,177	125,127	143,441			
October	107,122	146.530	129,323	142,736			
November	99,71.4	1.12,305	126,152	145,549			
December	110,508	112,838	128.070	159,093			
TOTAL	1.248.798	1,364,587	1,578,109	1,847,100	Superior of a companie of the Language of Affile Samuelle, addressed to the Samuelle of the Sa		
Ear (S) State Communication of the first of the communication of the com				LECTRIC BOILERS	1		
Tanana	1 916 099	7 711 616	1 417 910	3 474 707	7 557 040		
January February	1,216,922	1,344,646	1,413,216	1,474,787	1.553,946		
March	1,239,377	1,193,820	1,298,872	1,344,387	1,432,541		
April	1,141,203	1,321,545 1,267,776	1,387,512	1,532,912	1,569,139		
May	1,244,982	1,304,893	1,353,605 1.371.404	1,510,508 1,519,545	x 1,477,217 1,502,741		
Sub Total	5,959,531	6,432,680	6,824,609	7,381,139	7,535,584		
		, , , , , , , , , , , , , , , , , , , ,	The second control of		1,000,001		
June July	1,158,889	1,245,659	1,353,080	1,496,283			
August	1,159,301	1,270,867	1,359,445	1,510,365			
September		1,306,710	1,386,797	1,543,699			
October	1,173,190 1,290,580	1,317,312	1,417,821	1,573,502			
November		1,415,896	1.533.075	1,655,879			
December	1,292,686 1,348,205	1,394,955	1,481,813	1,632,494			
management a war of	100 100 100 100 100 100 100 100 100 100	1.411,097	1,516,702	1,629,452	Service out the same of the service		
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	SO THE RESIDENCE OF THE SECOND		

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31-001

DO THOU MENT OF SERVICE

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 6

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE, 1938

Central electric stations produced 1,973,155,000 kilowatt hours during June, as against 2,255,338,000 kilowatt hours in June last year. The index number, adjusted for seasonal variations, has declined each of the past three months from 222,48 for March to 209,82 for June, but the index number for consumption of firm power in Canada has shown little variation, dropping from 196,22 for March to 193,72 for April and to 192,93 for May and rising to 195,35 for June. This was only 5,13 points below the index number for June last year despite the large decline in the pulp and paper industry which takes large blocks of firm power.

Exports to the United States amounted to 158,314,000 kilowatt hours, or 343,000 kilowatt hours less than in 1937, and deliveries of secondary power to electric boilers dropped from 600,398,000 kilowatt hours last year to 356,864,000 kilowatt hours.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	B <sub>ritish</sub> Columbia
		MONT	HLY OUTPUTS			
Generated by Wat	ter Power					
June, 1938 May, 1938 June, 1937	1,939,562 2,049,165 2,216,119	59,274 54,537 57,721	1,018,653 1,063,386 1,145,375	585, <b>107</b> 617,048 730,536	128,218 150,304 128,335	148,310 163,890 154,152
Generated by Fue	21					
June, 1938 May, 1938 June, 1937	33,593 32,770 39,219	14,803 13,922 21,040	308 308 2 <b>9</b> 6	22 24 23	18,345 18,399 17,755	115 117 105
Total Ontput						
June, 1938 May, 1938 June, 1937	1,973,155 2,081,935 2,255,338	74,077 68,459 78,761	1,018,961 1,063,694 1,145,671	5 <b>35,129</b> 617,072 730,559	146,563 168,703 146,090	148,425 164,007 154,257
Total to Date						
1938 1937	12,715,039 13,756,132	417,320 466,652	6,677,990 7,2 <b>4</b> 4,877	3,656,848 4,225,469	1,014,223	948,658 801,920
Control of the Contro	And the second	PROVINCIA	L CONSUMPTION	<u>s</u> 1/		
June, 1938 May, 1938 June, 1937 Total to Date	1,814,841 1,926,643 2,096,681	72,917 67,150 77,919	789, 703 835, 803 980, 495	657,336 691,076 738,012	148,136 170,251 147,549	146,749 162,363 152,706
1938 1937	11,841,260 12,826,526	409, 283 458, 588	5,231,455 6,025,988	4,238,246 4,523,213	1,022,995	939,281 792,410

#### INDEX NUMBERS

the second secon	January	February	March	April	May	June
						TOTAL
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225,22	237.66	239,32	232, 28	239.83
1938	21.9.73	215.88	222,48	212.63	210.15	209.82
				O	UTPUT LESS !	EXPORTS AND
1936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	189,89	191.82	196.22	193.72	192.93	195.35
· additional lander-species in the second section and the second lander of the second lander	to the second commence of the second	A. Proposition the state of the	The state of the s	St., and the amplications institute with an over impress	and without, to a sound	and the second of the second
1/ Production p	lus provincial	imports less	provincial e	xports.		

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGE	E OUTPUTS 2/		o y a un o ca
	64,652	1,976	33,955	19,503	4,274	4,944
	66,102	1,759	34,303	19,905	4,848	5,287
	73,871	1,924	38,179	24,351	4,278	5,139
	1,120 1,057 1,307	<b>4</b> 93 449 701	10 10 10	1 1	61.2 593 592	4 4 3
	65, 772	2,469	<b>33</b> ,965	19,504	4,886	4,948
	67, 159	2,208	34,313	19,306	5,441	5,291
	75, 178	2,625	<b>38</b> ,189	24,352	4,870	5,142
2.5mag	70,249	2,306	36,895	20, 204	5,603	5,241
	76,001	2,578	40,027	23, 345	5,620	4,431
	750 004	(3)	VERIES TO ELEC	CTRIC BOILERS	(4)	A ST TO ST
	356,864	11,174	270,482	59,710	15,190	308
	423,902	8,914	310,965	69,137	34,604	282
	600,398	3,404	491,593	83,630	21,268	503
	2.847,539	35,316	2,129,482	452,572	229,132	2,037
	3,948,103	22,833	3,138,013	535,195	248,992	3,070

(AVERAGE, 1926 = 100)

The state of the s					
July	August	September	Oct ber	November	De ember
DUTPUT					
215.84 233.67	212,47 231,12	210.97 227.81	21.6。25 224。27	215.65 230.21	219.36 231.83
ELIVERIES TO ELE	CCTRIC BOILERS				
182,36 202,60	182. 71 203. 38	184.29 204.53	183.13 197.80	178.22 196.34	1 79, 39 192, 73
No. 33	and the second section of the second section of the second	constructed the the same of the same of the same	THE - I HE HE HE HE HE HE TO I HE	1	

No allowance is made for the effect of holidays. Sundays or Saturdays etc.

New Brunswick only.

4/ Manitoba only.

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,,097,49°	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2, 412, 259	2,258,197
April	1,697,909	1,881,029	2,164,628	2, 322, 884	2,063,801
May	1.,830,820	1,923,077	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2, 255, 338	1,973,155
Sub Total	10,374,384	11,380,094	12,443,086	13,756,132	12,715,039
July	1,621,314	1,791,544	2.021.147	2,188,055	
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2, 365, 052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
TOTAL	21,159,530	23,404,412	25, 394, 292	27,583,927	

#### EXPORTS TO THE UNITED STATES

the state of the same of the same of the same of	production to a said on a starting	and the state of t	the state of the s	the second section. These responses the contract of a second	
January	100 <sub>0</sub> 485	113,878	118,050	134,931	157,532
February	102,150	109,524	110,684	1.38,041.	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	167.033	155,292
June	113,640	107,994	157,871	158.657	158,314
Sub Total	602,496	627,084	768,552	929,617	873,939
July	105,856	93,348	157,543	1.64,057	
August	115,988	130,305	143, 342	162,617	
September	107,114	142,177	125,127	143,441	
October	107,122	146,530	129,323	142,736	
November	99,714	1,1,2,, 305	126,152	145,549	
December	110,508	112,838	128,070	1.59,093	
TOTAL	1.248,798	1.364.58	1,,578,109	1.84 ,100	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

. THE MANUAL PROPERTY SEASON SEASON STATES OF THE STATES OF THE SEASON S	the second resource of the second continues and the	/ *******			
January February March April May June Sub Total July August September October November December	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 7,118,420 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 7,6,8,339 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955	7,413,213 1,298,8 2 1,387,512 1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 8,877,422 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494	1,553,946 1,432,541 1,569,139 1,477,217 1,502,741 1,457,977 8,993,561
TOTAL	1,348,205	1,411,097	1,516,702	1,629,452	are the same of th
TO I ALL	77,000	15.795.175	16,873,342	18,423,813	

DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W.D. EULER, M.P.,
Minister of Trade and Commerce 57-00

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 7

Dominion Statistician, R.H. Coats, LL.D., F.R.S.S., F.S.S.(Hon.)
Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Se.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JULY, 1938

The output of central electric stations for July amounted to 1,987,754,000 kilowatt hours, as against 1,973,155,000 kilowatt hours for June, and the index number rose from 209,82 to 212,27. The consumption of firm power also increased from 1,457,978,000 kilowatt hours in June to 1,467,918,000 kilowatt hours and the index number rose to a new high for the year to 196,91, as against 196,22 for March, the previous peak, and 195,35 for June. Deliveries of secondary power to electric boilers amounted to 360,488,000 kilowatt hours, as against 356,864,000 kilowatt hours for June. Exports to the United States increased from 158,313,000 kilowatt hours in June to 159,348,000, but were 2.9 per cent below July 1937 exports.

Compared with July 1937 data, total production was down by 200,301,000 killowatt hours, or 9 per ment, deliveries of secondary power to electric boilers decreased by 153,146,000 killowatt hours, or 30 per cent, and consumption of firm power (including lesses) decreased by 42,447,000 killowatt hours, or 2.8 per cent.

( TO be de La Color de de la	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
termina) kratika kalent	Lu yala.			and the second s		
(1 1 1	7	MONT	HLY OUTPUTS			
Generated by Wat	Cer Power					
July, 1938	1,954,439	57,103	1,029,639	579,540	127,310	160,847
June, 1938	1,939,562	59,274	1,018,653	585,107	128,218	148,310
July, 1937	2,147,462	55,471	1,089,338	725, 263	126,101	151,289
Generated by Fue						
July, 1938	33, 31.5	14,210	<b>32</b> 3	20	18,638	124
June, 1938	33,593	14,803	308	22	18,345	115
July, 1937	40,593	21,421	315	25	18,733	99
Total Output						
July, 1938	1,987,754	71, 313	1,029,962	579,560	145,948	160,971
June, 1938	1,973,155	74,077	1,018,961	585,129	146,563	148,425
July, 1937	2,188,055	76,892	1,089,653	725, 288	144,834	151,388
Total to Date						
1938	14,702,793	488,633	7,707,952	4,236,408	1,160,171	1,109,629
1937	15,944,187	543,544	8,365,358	4,919,829	1,182,148	953, 308
" " The Think of a second of a	The state of the s	PROVINCIA	L CONSUMPTION	S. J.	p for all controlled and the sign and	
July, 1938	1.828.406	70,197	795, 707	655,699	147,383	1 .0 ,420
June, 1938	x 1,814,842	72,917	789, 703	657,336	148,136	.x.146,750
July, 1937	2,023,999	75,900	919,838	732,140	146, 322	1.49, 799
Total to Date						
1938	13,669,667	479,480	6,027,162	4,893,945	1,170,378	1,098,702
1937	14,850,525	534,488	6,945,826	5, 255, 353	1,172,649	942,209
THE MALE THE MALE AND	The state of the s				747. T. T. T. M. S. S. S. S. S. S.	and the state of regard a

#### INDEX NUMBER

to the the state and the state of the state	January	February.	March	April	May	June
						TOTAL
1936 1937 1938	201.54 223.35 219.73	196.42 225.22 215.88	210.40 237.66 222.48	223.02 239.32 212.63	210.30 232.28 210.15	215.76 239.83 209.82
				. 0	UTPUT LESS I	EXPORTS AL
1.936 1.937 1.938	172.69 180.22 189.89	167.92 180.02 191.82	173.51 191.69 196.22	1,77.51 198.08 193.72	176.07 195.08 192.93	181.29 200.48 195.35

<sup>1/</sup> Production plus provincial imports less provincial exports.
x - Revised.

And the same of th	Maritime		And the state of t		
Total	Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE		The state of the s	Colonols
		Committee and the second and the sec	1		
63,0 <b>4</b> 7 64,652 69,273	1,842 1,976 1,789	33,214 33,955 35,140	18,695 19,503 23,396	4,107 4,274 4,068	5,189 4,944 4,880
1,074 1,120 1,309	458 493 691	10 10 10	1 1 1	601 612 604	4 4 3
64,121 65,772 70,582	2,300 2,469 2,480	33, <b>224</b> 33,965 35,150	18,696 19,504 23,3 <b>9</b> 7	4,708 4,886 4,672	5,195 4,948 <b>4</b> ,883
69, 353 75, 209	2,305 2,564	36, 358 39, 459	19,983 23,207	5,473 5,482	5,234 4,497
	DELIVE	RIES TO ELECTRI	C BOILERS	The state of the s	The Control of Control of the Contro
360,488 356,864 513,634	(3) 10,500 11,174 2,195	266,520 270,482 411,041	67,007 59,710 79,413	(4) 16,229 15,190 20,513	232 308 <b>4</b> 72
3,208,027 4,461,737	45,816 25,028	2,396,002 3,549,054	518,579 614,608	245,361 269,505	2,269 3,542

VERAGE, 1926 = 100)

- 100,11	of the telemental different contract and and respondent	AND THE RESERVE OF THE PARTY OF				
r	July	August	September	October	November	December
UI	PUT					
	215.84 233.67 212.27	212.47 231.12	210.97 227.81	216.25 224.27	215.65 230.21	219.36 231.83
EL	IVERIES TO ELE	CCTRIC BOILERS				
	182.36 202.60 196.91	182.71 203.38	184,29 204,53	183.13 197.80	178.22 196.34	179.39 192.73

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or S aturdays, etc. / New Brunswick only. 4/ Manitoba only.

(a. 7 s) to the modern with the constitution of the second	particular and a second or second	and a feet of the same			V 22.20.20.0 1 20.20.00.00.00.00.00.00.00.00.00.00.00.0
Month	1934	1935	1936	193	1938
January	1,,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2, 322, 884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1.621.314	1.791.544	2,021,147	2,188,000	1,987,754
Sun Total	11,995,698	13,171,638	14.464.233	15,944,187	14, 702, 793
August	1,676,865	1,851,153	2,020,416	2,197,725	
September	1,627,289	1,919,213	2,041,423	2,204,291	
October	1,853,226	2,162,569	2,280,508	2, 365, 052	
November	1,953,512	2,143,314	2,25,349	2,414,676	
December	2,052,940	2,155,520	2,325,133	4, 40, 996	
TOTAL	21,159,530	23,404,412	25, 394, 292	2 .565,92.	and a like a many an amount of the confidence of
<ul> <li>If the de deduction of the second of the sec</li></ul>		SANCE STATE OF THE SANCE OF THE		w '. odalika: '	The second of th
		EXPORTS TO TH	E UNITED STATES	3	
January	100,485	11.3 <sub>8</sub> 878	118,050	134,931.	157,532
February	102,157	109,511	110,684	138,040	1.23,094
March	112,115	103,957	1.25,921	1 /2 695	1.44,091
April	.63,105	97,4.5	125,496	1.64, 250	135,616
May	111,000	94,206	130,530	161,033	155,292
June	713,640	107,994	157,87	158,657	x 158, 313
July	105,856	93,348	15/ 546	154.(15	159,348
Sub Taval	708, 352	20,432	926,094	1.093.650	1 033 286
August	115,988	1.30,305	143.342	162,617	
September	107, 114	142, 177	125,127	143,441	
October	107,122	146, 230	129,323	142,738	
No vember	99,714	112,305	125, 152	345,549	
December	110,508	112.838	2 mg / 1 100	159,095	
TOTAL	1,248,798	1,364,587	1,578,109	84 1400	S LE ROSSILLAND TO THE REST OF
gar hay " the first hadded " " " " " " " " " " " " " " " " " "					description of the second street st
	OUTHUT LES	S EXPORTS AND	DELIVERIES TO E	SUECTRIC BOILER	S
January	1.,216.922	1.,344,646	11.3 210	1.474.78?	1,553,946
February	1,117,047	1., 1.93, 820	1,298,872	1,344,387	1,432,541
March	1,239,377	1, 321, 545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1.353 80	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741.
June	1,158,889	1,245,559	. 35, 1 . 01	1,496,283	x 1,457,978
July	1,159,301		1,359,115	1,510,365	1,46,,918
Sub Tetal	8,277,721	8,949,20+	9,551,135	10.387.787	10.461.480
August	1,191,218	1,306,710	1,386 797	1,543,699	
September	1.,173,190	5, 5	1,417,821	1,573,502	
October	1,,290,580	4. 4.0.830	1,535,	1.655,879	
November	1,292,586	, 59 \$ 4.	1,482,813	1,632,494	
December	1,348,205	4	1,516,702	1,629,452	
TOTAL	1.21.5.5.500	Maria Maria 2	1 15.83.512	18.423.813	THE SECOND STANDARD OF THE STA
· · · · · · · · · · · · · · · · · · ·	T. TENTE . T. T. T. T. T. T. T.	the second of the second of the	1、 はないが、ここの表別	一年の、「そろう」でのすべ、	The standard south

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Minister of Trade and Commerce

57-001

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

Nos 8

Dominion Statistician, R.H. Coats, L.D., F.R.S.C., F.S.S (Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, P.S.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### AUGUST, 1938

The output of central electric stations increased to 2,071,901,000 kilowatt hours for August from 1,987,774,000 kilowatt hours for July, but was 5.7 per cent below the August 1937 output.

Exports to the United States dropped to 149,493,000 kilowatt hours, as against 159,349,000 kilowatt hours in July and 162,617,000 kilowatt hours in August last year.

Deliveries of secondary power to electric boilers increased from 360,488,000 kilowatt hours in July to 410,164,000 kilowatt hours and were 16.5 per cent below the August 1937 figure.

Total cutput less exports and secondary power for electric boilers amounted to 1,512,244,000 kilowatt hours, an increase of 3.0 per cent over the July consumption and only 2.0 per cent below the August 1937 consumption, and the index number, adjusted for seasonal variations, rose to 199.24, a new high for this year.

produced to special and the second se	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MON	THLY OUTPUTS			
Generated by Wa	ater Power					
Aug., 1938 July, 1938 Aug., 1937	2,033,132 x 1,954,479 2,155,364	59,392 57,103 59,910	1,085,364 x1,029,679 1,103,245	594,097 579,540 707,843	126,973 127,310 126,838	167,306 160,847 157,528
Generated by Fu	iel					
Aug., 1938 July, 1938 Aug., 1937	38,769 x 33,295 42,361	14,708 14,210 23,269	356 323 327	x	19,906 18,638 18,627	3,799 124 108
Total Output						
Aug., 1938 July, 1938 Aug., 1937	2,071,901 x 1,987,774 2,197,725	74,100 71,313 83,179	1,085,720 x1,030,002 1,103,572	594, <b>0</b> 97 x579,540 707,873	146,879 145,948 145,465	171,105 160,971 157,636
Total to Date						
1938 1937	16,774,714 18,141,912	562,733 626,723	8,793,712 9,468,930	4,830,485 5,627,702	1,307,050 1,307,613	1,280,734 1,110,944
METODAN TOTAL PRIME A SUT SETTE OF		PROVINCIA	AL CONSUMPTION	<u>s</u> 1/	yer . Or her toc ex _Mec.*A	pur Die der Mit Mann berechte der der der
Aug., 1938 July, 1938 Aug., 1937	1,922,408 x 1,828,426 2,035,108	72,748 70,197 82,228	845,442 x 795,747 900,028	686,355 x 655,679 749,860	148,475 147,383 146,882	169,388 159,420 156,110
1938 1937	15,592,095 16,885,633	552,22 <b>8</b> 616,716	6,872,644 7,845,854	5,580,280 6,005,213	1,318,853 1,319,531	1,268,090 1,098,319

#### INDEX NUMBE

	January	February	March	April	May	June_
			The state of the s			TOT
1936	201.54	196.42	210.40	223.02	210.30	215.76
1937	223.35	225.22	237,66	239.32	232.28	239.83
1938	219.73	215,88	222,48	212.63	210.15	209.82
					OUTPUT LESS	EXPORTS
1.936	172.69	167.92	173.51	177.51	176.07	181.29
1937	180,22	180.02	191.69	198.08	195.08	200.48
1938	189.89	191.82	196.22	193.72	192.93	195.35

<sup>1/</sup> Production plus provincial imports less provincial exports.

x Revised.

7	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGE	American articles organizar reporting also	307211000	OTUMDIA
	65,585 x 63,048 69,528	1,916 1,842 1,932	35,012 x 33,215 34,638	19,164 18,695 23,784	4,096 4,107 4,092	5,397 5,189 5,082
	1,250 1,074 1,366	474 458 751	x 11 10	x	642 601 601	123 · 4 · 3
	66,835 <b>x</b> 64,122 70,894	2,390 2,300 2,683	35,023 x 33,226 35,599	19,164 x18,695 22,834	4,738 4,708 4,693	5,520 5,193 5,085
	69,032 74,658	2,316 2,579	36,188 38,967	19,879 23,159	5,379 5,381	5,270 4,572
		DELIVE (3)	RIES TO ELECTRI	C BOILERS	(4)	
	410,164 360,488 491,409	9,552 10,500 3,170	304,583 266,520 390,056	78,146 67,007 78,690	(4) 17,604 16,229 18,986	279 232 507
	3,618,191 4,953,146	55,368 28,198	2,700,585 3,939,110	596,725 693,298	262,965 288,491	2,548 4,049

(AVERAGE, 1926 = 100)

The St. St. D. Landson.						
July	August	September	October	November	December	7
OUTPUT						
215.84 233.67 x 212.28	212.47 231.12 217.88	210.97 227.81	216.25 224.27	215.65 230.21	231.83	
DELIVERIES TO E	LECTRIC BOILERS					
182.36 202.60 196.91	182.71 203.38 199.24	184.29 204.53	183.13 197.80	178.22 196.34	179.39 192.73	
	OUTPUT  215.84 233.67 x 212.28  DELIVERIES TO E  182.36 202.60	OUTPUT  215.84 212.47 233.67 231.12 x 212.28 217.88  DELIVERIES TO ELECTRIC BOILERS  182.36 182.71 202.60 203.38	OUTPUT       215.84       212.47       210.97         233.67       231.12       227.81         x 212.28       217.88         DELIVERIES TO ELECTRIC BOILERS         182.36       182.71       184.29         202.60       203.38       204.53	OUTPUT       215.84       212.47       210.97       216.25         235.67       231.12       227.81       224.27         x 212.28       217.88       224.27         DELIVERIES TO ELECTRIC BOILERS       182.71       184.29       183.13         202.60       203.38       204.53       197.80	OUTPUT         215.84       212.47       210.97       216.25       215.65         233.67       231.12       227.81       224.27       230.21         x 212.28       217.88       227.81       224.27       230.21         DELIVERIES TO ELECTRIC BOILERS       182.71       184.29       183.13       178.22         202.60       203.38       204.53       197.80       196.34	OUTPUT     215.84     212.47     210.97     216.25     215.65     219.36       235.67     231.12     227.81     224.27     230.21     231.85       x 212.28     217.88     224.27     230.21     231.85       DELIVERIES TO ELECTRIC BOILERS     182.71     184.29     183.13     178.22     179.39       202.60     203.38     204.53     197.80     196.34     192.73

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

3/ New Brunswick only. 4/ Manitoba only.

Month	1934	1935	1036	193%	1938
January February March April May June July August Sub Total September October November December	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 13,672,563 1,627,289 1,853,226 1,953,512 2,052,940 21,159,550	2,012,742 1,803,447 1,943,555 1,881,029 1,925,071 1,816,250 1,791,544 1,851,153 15,022,91 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 16,484,649 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 18,141,912 2,204,291 2,365,052 2,414,676 2,457,996 27,583,82	2,280,353 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 x 1,987,774 2,071,901 16,774,714

#### EXPORTS TO THE UNITED STATES

	. ,				
January	100,405	113,878	118,050	L54,934	760 630
February	102,151	109,524	110,684	138,041	157,532 123,094
March	112,115	1.03,967	12: 921	· 4.8.695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	105,856	93,348	157,543	164,057	x 159,349
August	115,988	130,305	143,348	162,6%	149,493
Sub Total	824,340	850,73.	1,669,43	. ,266,261	1,1,2,780
September	107,114	142,177	125,121	145,441	. 242. 54100
October	107,122	146,530	129,323	142,736	
November	99,714	112,305	126,152	145,549	
December	10,508	112,838	128,070	159,093	
TOTAL	1,240,796	1,364,587	1,578,109	1,847,100	

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May June July August Sub Total	1,215,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 9,468,939	1,344,646 1,193,820 1,321,545 1,26,776 1,304,893 1,240,639 1,270,867 1,306,710	1,413,216 1,292,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,545,699	1,553,946 1,432,541 1,569,139 1,477,217 1,502,741 1,457,978 x 1,467,938 1,512,244
September October November December	1,173,190 1,290,580 1,292,686 1,348,205 14,575,600	1,317,312 1,415,896 1,394,955 1,411,09	1,417,821 1,533,075 1,481,813 1,516,162 16,873,342	1,573,502 1,655,8*9 1,632,494 1,629,452	11,973,744

DEPT. OF POLITICAL SULL TO UNIVERSITY OF

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 9

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### SEPTEMBER, 1938

The output of central electric stations in Canada during September was 2,163,645,000 kilowatt hours and the index number, adjusted for seasonal variations, rose to a new high for the year at 223.61, as compared with 217.88 for 2,071,901,000 kilowatt hours for August and 227.81 for 2,204,291,000 kilowatt hours for September last year.

Exports to the United States increased from 149,493,000 kilowatt hours in August and 143,441,000 kilowatt hours a year ago to 151,691,000 kilowatt hours.

Deliveries of secondary power to boilers increased from 410,164,000 kilowatt hours in August to 481,407,000 kilowatt hours, but were 1.2 per cent below last year's.

Consumption of firm power amounted to 1,530,546,000 kilowatt hours, as against 1,573,502,000 kilowatt hours in September last year and 1,512,244,000 kilowatt hours in August, 1938, and the index number dropped from 199.24 for August to 198.95.

ministrative with estimate purply and and relative to more augmentative	Providentili 49 of rendered the sub-side estimations age		The control of the co			O controller on a section of the con-
	Total	Maritime Provinces	Quebec	Ontario	Prairie	British Columbia
Probleman relatives of all and remain walls and a province walk was a	and the second s	The state of the s	The commence of the six six six six six six six six six	The state of the s	Provinces	Toorumora
Generated by Wa	ton Power	MONTHLY OUTPUTS				
delierated by Wa	let tower					
Sept., 1938 Aug., 1938	2,123,778	58,140	1,135,316	628,387	140,530	161,40
Sept., 1937	2,033,132 2,161,179	59,392 52,759	1,085,364 1,107,376	594, <b>0</b> 97 69 <b>0</b> ,517	126,973	167,30 165,03
Generated by Fu	e1					1 200,00
ACTION OF THE THE	I ST.					
Sept., 1938	39,867	15,793	349		21,652	2,07
Aug., 1938 Sept., 1937	38,769 43,112	14,708 22,796	356 32 <b>0</b>	31	19,906	3,799
m. 1. 3. 0. 1.				01	13,000	10:
Total Cutput						
Sept., 1938	2,163,645	73,933	1,135,665	628,387	162,182	163,478
Aug., 1938 Sept., 1937	2,071,901 2,204,291	74,100 75,555	1,085,720	594,097	146,879	171,108
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 0,000	1,101,000	690,548	165,300	165,192
Total to Date						
1938 1937	18,938,359	636,666	9,929,377	5,458,872	1,469,232	1,444,212
1301	20,346,203	702,278	10,576,626	6,318,250	1,472,913	1,276,136
		PROVINCIA	L CONSUMPTIONS	3 1/	den, 27 Britisher dassalbridar gas, ida, gas, g	
Sept., 1938	2,011,954	72,493	904 000	73.0 003	307 450	3.00 005
Aug., 1938	1,922,408	72,748	894,098 845,442	719,821 686,355	163,479	162,063 169,388
Sept., 1937	2,060,849	74,374	909,297	746,791	166,686	163,701
Total to Date						
1938	17,604,049	624,721	7,766,742	6,300,101	1,482,332	1,430,153
1937	18,946,482	691,090	8,755,151	6,752,004	1,486,217	1,262,020
AND CONTROL WILL AND NO. SANT SERVICE SANT SERVICE SANT SERVICE.	Number 9 - Number 16 - Str. on absorber 16 - Service	CONTRACTOR OF SUPERIOR SERVICE SERVICE	on the Jones See Sellister Stradburthought again the Service	Dell'unit annual del dell'annual dell'annu		

#### INDEX NUMBE

a site for a providence show that the a site of the addition for a particular position of the site of	January	February	March	April	May	June
1936 1937 1938	201.54 223.35 219.73	196.42 225.22 215.88	210.40 237.66 222.48	223.02 239.32 212.63	210.30 232.28 210.15	<u>TOI</u> 215.76 239.83 209.82
1936 1937 1938	172.69 180.22 189.89	167.92 180.02 191.82	173.51 191.69 196.22	177.51 198.08 193.72	OUTPUT LESS 176.07 195.08 192.93	181.29 200.48 195.35

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British
			DAILY AVEF	RAGE OUTPUTS		Columbia
	70,792 65,585 72,039	1,938 1,916 1,759	37,844 35,012 36,912	20,946 19,164 23,017	4,684 4,096 4,850	5,380 5,397 5,501
	1,329 1,250 1,437	526 474 760	12 11 11	1	722 642 660	69 123 5
	72,121 66,835 73,476	2,464 2,390 2,519	37,856 35,023 36,923	20,946 19,164 23,018	5,406 4,738 5,510	5,449 5,520 5,506
	69,371 74,528	2,332 2,572	36,371 38,742	19,996 23,144	5,382 5,395	5,290 4,675
		(z)	ELIVERIES TO EL	ECTRIC BOILER		en to the set of the tent of the tent tent tent of the
	481,407 410,164 487,348	(3) 7,311 9,552 1,877	363,093 304,583 386,201	84,658 78,146 67,594	(4) 26,073 17,604 31,181	272 279 495
	4,099,598 5,440,494	62,679 30,075	3,063,678 4,325,311	681,383 760,892	289,038 319,672	2,820 4,544
* 30 m. m		30,075				

AVERAGE, 1926 = 100)

Designation of the latest section of the lat					
July	August	September	October	November	December
UTPUT					The state of the s
215.84 233.67 212.28	212.47 231.12 217.88	210.97 227.81 223.61	216.25 224.27	215.65 230.21	219.36 231.83
ELIVERIES TO ELE 182.36 202.60 196.91	182.71 203.38 199.24	184.29 204.53 198.95	183.13 197.80	178.22 196.34	179.39 192.73
No allowance	ic mode for the	26			

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 3/ New Brunswick only. 4/ Manitoba only.

Month	1934	1935	1936	1937	1938
Janua ry	1,725,264	2,012,742	2,091,497	2,317,906	2,280,353
February	1,614,425	1,803,447	1,938,978	2,146,578	2,057,598
March	1,797,334	1,943,555	2,135,640	2,412,259	2,258,197
April	1,697,909	1,881,029	2,164,628	2,322,884	2,063,801
May	1,830,820	1,923,071	2,083,363	2,301,167	2,081,935
June	1,708,632	1,816,250	2,028,980	2,255,338	1,973,155
July	1,621,314	1,791,544	2,021,147	2,188,055	1,987,774
August	1,676,865	1,851,153	2,020,416	2,197,725	2,071,901
September	1,627,289	1,919,213	2,041,423	2,204,291	2,163,645
Sut Total	15,299,852	16,942,004	18,526,072	20,346,203	18,938,359
October	1,853,226	2,162,569	2,280,508	2,365,052	
November	1,953,512	2,143,314	2,261,979	2,414,676	
December	2,052,940	2,156,525	2,325,733	2,457,996	
. O AI-	21,139,330	23,404,412	25,394,292	2,583,92	The County of State of the County of the State of the Sta

#### EXPORTS TO THE UNITED STATES

		~		The second secon	The second section is a second second
January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	11.0,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
Apail	63,105	97,475	125,496	1.64,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June .	113,640	107,994	157,871	158,657	158,313
July	105,856	93, 348	157,543	164,057	159,349
August	115,988	130,305	143,342	162,617	149,493
September,	10,114	142,11	120,12	143,441	151,691
Sub Total	931.,454	992,914	1,194,564	1,399,722	1,334,471
Outober	10 ,122	146,530	129,323	142,736	The second secon
November	99,714	112,305	126,152	145,549	
December	_110,508	112,838	128,070	159,093	
TOTAL _	1,248,.98	1,364,58	1,578,109	1,847,100	The state of the s

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

* *** ** * * **** *** * ****	1			the state of the same of	The same of the same and the sa
January February March April May June July August September	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312	1,413,216 1,298,8 2 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699	1,553,946 1,432,541 1,569,139 1,477,217 1,502,741 1,457,978 1,467,938 1,512,244
Sub Total. Oniober November December	10,642,129 1,290,580 1,292,686 1,548,205	11.573,228 1,415,896 1,394,955 1,411,097	12,341,752 1,533,075 1,481,813 1,516,702 16,873,342	13,505,988 1,655,879 1,632,494 1,629,452 18,423,813	1,530,546 13,504,290

DIGITAL DE POLITICAL SCIENCE LINVERSTOLM PORSSTE

### Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 10

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

OCTOBER, 1938

Central electric stations produced 2,329,428,000 kilowatt hours in October and 2,163,645,000 kilowatt hours in September. The increase was slightly less than the usual seasonal increase and the index number dropped from 223.61 to 220.89. The output a year ago was 2,365,052,000 kilowatt hours. The decrease of 35,624,000 kilowatt hours was mainly in secondary power delivered to electric boilers which declined from 566,436,000 kilowatt hours in 1937 to 539,236,000 kilowatt hours, or by 27,200,000 kilowatt hours.

Exports to the United States increased from 142,736,000 kilowatt hours in October, 1937, to 165,455,000 kilowatt hours, exports of surplus or off-peak power increasing from 24,739,000 kilowatt hours to 45,074,500 kilowatt hours.

The consumption of firm power increased from 1,530,546,000 kilowatt hours in September to 1,624,738,000 kilowatt hours, which also was less than the usual seasonal increase, and the index number dropped from 198.95 to 194.08, or by 2.4 per cent.

Decrease in power taken by the pulp and paper mills was undoubtedly the chief factor in the decreased output. The production of newsprint paper was down by 19 per cent in October, compared with last year's production. These mills take around 70 to 80 per cent of the secondary power and around 25 per cent of the firm power delivered in Canada.

22/11/38

Price 50 cents per Year

MONTHLY OUTPUTS

Quebec

Prairie

Provinces

Ontario

British

Columbia

195.35

192.93

Maritime

Provinces

Total

Generated by Water	Power					
Oct., 1938 Sept., 1938 Oct., 1937	2,287,486 2,123,778 2,318,805	61,232 58,140 56,076	1,228,750 1,135,316 1,205,409	665,449 628,387 723,352	162,996 140,530 167,898	169,05 161,40 166,07
Generated by Fuel						
Oct., 1938 Sept., 1938 Oct., 1937	41,942 39,867 46,247	16,687 15,793 23,906	370 349 331	35	23,700 21,652 21,776	1,18 2,07
Total Output			SCHLAN			
Oct., 1938 Sept., 1938 Oct., 1937	2,329,428 2,163,645 2,365,052	77,919 73,933 79,982	1,229,120 1,135,635 1,205,740	665,449 628,387 723,387	186,696 162,182 189,674	170,24 163,47 166,26
Total to Date				1		
1938 1937	21,268,733 22,711,255	714,585 782,260	11,158,497	6,124,321 7,041,637	1,655,928	1,615,40
		PROVINCIAL	CONSUMPTIONS	1/		
Oct., 1938 Sept., 1938 Oct., 1937	2,163,974 2,011,954 2,222,315	76,490 72,493 78,502	975,057 894,098 992,097	755,609 719,821 7 <b>9</b> 5,877	188,125 163,479 191,156	168,69 162,06 164,68
Total to Date						
1938 1937	19,768,969 21,168,797	701,211 769,592	8,741,799 9,747,248	7,055,710 7,547,881	1,670,457	1,599,79
Top V Top Control of the Control of			Appell Ap		IN	DEX NUMBE
TO CONTROL OF THE PROPERTY OF	January	February	March	April	May	June
						TOTA
1936 1937 1938	201.54 223.35 x 219.82	196.42 225.22 215.88	210.40 237.66 222.48	223.02 239.32 212.63	210.30 232.28 210.15	215.70 239.83 209.83
					OUTPUT LESS	EXPORTS AN
1936 1937	172.69 180.22	167.92 180.02	173.51 191.69	177.51 198.08	176.07 195.08	181.29

196.22

193.72

191.82

x 190.01

1938

<sup>1/</sup> Production plus provincial imports less provincial exports. x - Revised.

				1122044400 110		
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY A	VERAGE OUTPUTS	2/	
				1	_ 6/	
	72 700					
	73,790	1,975	39,637	21,466	5,258	5,454
	74,800	1,809	37,844	20,946	4,684	5,380
	•	2,000	30,004	23,334	5,416	5,357
	1,353	538	12		765	20
	1,329	526	12		722	38
	1,492	771	11	1	703	6
	75,143	2,513	39,649	03.444		
	72,121	2,464	37,856	21,466 20,946	6,023	5,492
	76,292	2,580	38,895	23,335	5,406 6,119	5,449 5,363
					,,,,,,	3,303
	£0.000					
	69,963 74,708	2,351 2,573	36,705	20,146	5,447	5,314
	,	6,373	38,758	23,163	5,469	4,745
		(0)	DELIVERIES TO	ELECTRIC BOIL	ERS	
	539,236	(3)			(4)	
	481,407	4,156 7,311	407,022	87,965	39,769	324
	566,436	2,532	363,093 447,539	84,658 69,880	26,073	272
	*	,	111,000	09,000	45,988	497
	4,638,834	66,835	3,470,700	769,348	328,807	3,144
	6,006,930	32,607	4,772,850	830,772	365,660	5,041
VV.	ERAGE, 1926 =	100)				
	July	August	September	October	November	December
1]	TPUT			00000	1.0 / 0.000	-acembar
	215.84	212.47	210.97	216.25	215.65	219.36
	212.28	231.12 217.88	227-81	224.27	230.21	231.83
	1		223.61	220.89		
EL	IVERIES TO EL	ECTRIC BOILERS				
	182.36	182.71	184.29	183.13	178.22	179.39
	202-60	203.38	204.53	197.80	196.34	192.73
Patricia.	196.91	199.24	198.95	194.08		

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.

4/ Manitoba only.

Month	1934	1935	1936	1937	1938
January February March April May June July August September October	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052	x 2,281,299 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,071,901 2,163,645 2,329,428
Sub Total November December	17,153,078 1,953,512 2,052,940	19,104,573 2,143,314 2,156,525	20 806,580 2,261,979 2,325,733	22,711,255 2,414,676 2,457,996	21,268,733
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	

#### EXPORTS TO THE UNITED STATES

January February March April May June	100,485	113,878	118,050	134,931	157,532
	102,151	109,524	110,684	138,041	123,094
	112,115	103,957	125,921	172.695	144,091
	63,105	97,475	125,496	164,250	135,616
	111,000	94,256	130,530	161,033	155,292
	113,640	107,994	157.871	158,657	158,313
July August September October	105,856	93,348	157,543	164,057	159,349
	115,988	130,305	143,342	162,617	149,493
	107,114	142,177	125,127	143,441	151,691
	107,122	146,530	129,323	142,736	165,455
Sub Total	1,038,576	1,139,414	1,323,885	1,542,458	1,499,926
November	99,714	112,305	126,152	145,549	
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March	1,216,922 1,117,047 1,239,377	1,344,646	1,413,216 1,298,872 1,387,512	1,474,787 1,344,387 1,532,912	x 1,554,892 1,432,541 1,569,139
April Mey	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
June July	1,158,889	1,245,659 1,270,867	1,353,080	1,496,283	1,457,978
Angust September October	1,191,218 1,173,190 1,290,580	1,306,710 1,317,312 1,415,396	1,417,821 1,533,075	1,543,699 1,573,502 1,655,879	1,512,244 1,530,546 1,624,738
Sub Total	11,932,709	12,989,124	17.874.829	15,161,867	15,129,974
November December	1,292,686	1,394,955 1,411,097	1,461,813	1,632,494	,
TOTAL	14,573,600	15,795,176	26,273,342	18,423,813	

DEPT. OF TORONTO

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 11

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

### NOVEMBER, 1938

The output of central electric stations reached a new high for the year in November at 2,374,993,000 kilowatt hours and the index, adjusted for seasonal variations, also was the highest for the year at 226.42, as compared with the previous record of 223.61 for September and 220.89 for October.

Exports to the United States at 165,300,000 kilowatt hours were exceeded this year only by the October exports of 165,455,000 kilowatt hours and were the heaviest November exports on record.

Deliveries of secondary power to boilers amounted to 596,146,000 kilowatt hours, an increase over October deliveries of 10.5 per cent, but 6.4 per cent below November 1937 deliveries. This decrease from last year's was practically all in Quebec with a decrease of 53,116,000 kilowatt hours, or 10.7 per cent. British Columbia showed a decrease of 249,000 kilowatt hours, but in the other divisions heavier deliveries were recorded.

The consumption of firm power, i.e., the output less exports to the United States and secondary power delivered to boilers, amounted to 1,613,548,000 kilowatt hours and the index number at 194.06 was slightly below October's and 2.28 points below the November, 1937, index.

22/12/38

Price 50 cents per Year.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
			MONTHLY OUT	PUTS					
Generated by Wa	ater Power								
Nov., 1938 Oct., 1938 Nov., 1937	2,333,825 2,287,486 2,366,654	61,652 61,232 55,952	1,286,397 1,228,750 1,252,873	649,454 665,449 721,545	176,290 162,996 170,711	160,032 169,059 165,553			
Generated by Fu	iel								
Nov., 1938 Oct., 1938 Nov., 1937	41,168 41,942 48,041	16,293 16,687 24,723	373 370 355	30	24,169 23,700 22,773	333 1,185 160			
Total Output									
Nov., 1938 Oct., 1938 Nov., 1937	2,374,993 2,329,428 2,414,675	77,945 77,919 80,675	1,286,770 1,229,120 1,253,228	649,454 665,449 721,575	200,459 186,696 193,484	160,365 170,244 165,713			
Total to Date									
1938 1937	23,6 <b>4</b> 3,726 25,125,930	792,530 862,935	12,445,267 13,035,594	6,773,775 7,763,212	1,856,387	1,775,767			
		PRO	VINCIAL CONSU	MPTIONS 1/					
Nov., 1938 Oct., 1938 Nov., 1937	2,209,694 x 2,163,973 2,269,127	76,581 76,490 79,165	1,009,897 975,057 1,039,336	762,522 755,609 791,536	201,940 188,125 195,045	158,754 x 168,692 164,045			
Total to Date									
1938 1937	21,978,662 23,437,924	777,792 848,757	9,751,696 10,786,584	7,818,232 8,339,417	1,872,397 1,872,418	1,758,545 1,590,748			
					INI	DEX NUMBERS			
	January	February	March	April	May	June			
						TOTAL			
1936 1937 1938	201.54 223.35 219.82	196.42 225.22 215.88	210.40 237.66 222.48	223.02 239.32 212.63	210.30 232.28 210.15	215.76 239.83 209.82			
					OUTPUT LESS I	EXPORTS AND			
1936 19 <b>37</b> 193 <b>8</b>	172.69 180.22 190.01	167.92 180.02 191.82	173.51 191.69 196.22	177.51 198.08 193.72	176.07 195.08 192.93	181.29 200.48 195.35			

<sup>1/</sup> Production plus provincial imports less provincial exports. x - Revised.

=	(Thousands of Allowatt Hours)							
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia		
			DAILY AVERAGE (	)।।गणापण ०/		- OGZGMIDZG		
		_	1					
	77,794 73,790 78,887	2,055 1,975 1,865	42,880 39,637 41,762	21,649 21,466 24,052	5,876 5,258 5,690	5,334 5,454 5,518		
	1,372 1,353 1,601	543 538 824	12 12 12		806 765 <b>7</b> 59	11 38 5		
	79,166 75,143 80,488	2,598 2,513 2,689	42,892 39,649 <b>41,</b> 774	21,649 21,466 24,053	6,682 6,023 6,449	5,345 5,492 5,523		
	70,790 75,227	2,373 2,583	37,261 39,029	20,281 23,243	5,558 5,557	5,317 4,815		
	596,146 539,236 636,633	(3) 7,042 4,156 2,962	441,513 407,022 494,629	94,086 87,965 85,523	(4) 03,205 39,769 52,970	300 324 549		
	5,234,980     73,877     3,912,213     863,434     382,012     3,444       6,643,563     35,569     5,267,479     916,295     418,630     5,590							
AV.	ERAGE, 1926 =	= 100)						

July	August	September	October	November	December			
UTPUT								
215.84 233.67 212.28	212.47 231.12 217.88	210.97 227.81 223.61	216.25 224.27 220.89	215.65 230.21 226.42	219.36 231.83			
ELIVERIES TO E	LECTRIC BCILERS							
182.36 202.60 196.91	182.71 203.38 199.24	184.29 204.53 198.95	183.13 197.80 194.08	178.22 196.34 19 <b>4.</b> 06	179. <b>39</b> 192.73			

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
New Brunswick only.

4/ Manitoba only.

Month	1934	1935	1936	1937	1938
January	1,725,264	2,012,742	2,091,497	2 717 006	2 292 200
February	1,614,425	1,803,447	1,938,978	2,317,906 2,146,578	2,281,299
March	1,797,334	1,943,555			2,057,598
April	1,697,909	1,881,029	2,135,640 2,164,628	2,412,259	2,258,197
May	1,830,820	1,923,071	2,083,363	2,322,884	2,063,801
June	1,708,632	1,816,250	2,028,980	2,301,167	2,081,935
July	1,621.314	1,791,544	2,021,147	2,255,338	1,973,155
August	1,676,865	1,851,153	2,020,416	2,188,055	1,987,774
September	1,627,289	1,919,213	2,041,423	2,204,291	2,071,901
October	1,853,226	2,162,569	2,280,508	2,365,052	2,163,645
November	1,953,512	2,143,314	2,261,979	2,414,676	2,329,428
Sub Total	19,106,590	21,247,887	The same of the sa		2,374,993
December	2,052,940	2,156,525	23,068,559	25,125,931	23,643,726
TOTAL	21,159,530	23,404,412	25,394,292	27,583,927	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25,101,112	בט,טטד,בטב	21,000,921	
Government when the control of the c	TO SEPTIMENT OF THE	EXPORTS TO THE	UNITED STATE	S	
January	100,485	113,878	118,050	134,931	157,532
February	102,151	109,524	110,684	138,041	123,094
March	112,115	103,957	125,921	172,695	144,091
April	63,105	97,475	125,496	164,250	135,616
May	111,000	94,256	130,530	161,033	155,292
June	113,640	107,994	157,871	158,657	158,313
July	\$ \$56	93,348	157,543	164,057	159,349
August	988	130,305	143,342	162,617	149,493
September	107,114	142,177	125,127	143,441	151,691
October	107,122	146,530	129,323	142,736	165,455
November	99,714	112,305	126,152	145,549	165,300
Sub Total	1,138,290	1,251,749	1,450,039	1,688,007	1,665,226
December	110,508	112,838	128,070	159,093	
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	
distributions report of the Same and the Sam	OUTPUT LESS	EXPORTS AND DEI	IVERIES TO EL	ECTRIC BOILERS	
January	1,216,922	1,344,646	1,413,216	1,474,787	1,554,892
February	1,117,047	1,193,820	1,298,872	1,344,387	1,432,541
March	1,239,377	1,321,545	1,387,512	1,532,912	1,569,139
April	1,141,203	1,267,776	1,353,605	1,510,508	1,477,217
May	1,244,982	1,304,893	1,371,404	1,519,545	1,502,741
June	1,158,889	1,245,659	1,353,080	1,496,283	1,457,978
July	1,159,301	1,270,867	1,359,445	1,510,365	1,467,938
August	1,191,218	1,306,710	1,386,797	1,543,699	1,512,244
September	1,173,190	1,317,312	1,417,821	1,573,502	1,530,546
October	1,290,580	1,415,896	1,533,075	1,655,879	1,624,738
November	1,292,686	1,394,955	1,481,813	1,632,494	1,613,548
Sub Total	13,225,395	14,384,079	15,356,642	16,794,361	16,743,522
December	1,348,205	1,411,097	1,516,702	1,629,452	2091179722
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	
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Published by Authority of HON. W.D. EULER, M.P. Minister of Trade and Commerce

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 12

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### DECEMBER, 1938

The output of central electric stations for December amounted to 2,349,844,000 kilowatt hours, a decrease from the December 1937 output of 108,152,000 kilowatt hours. This decrease was all in secondary power for electric boilers which dropped from 669,451,000 kilowatt hours to 552,557,000 kilowatt hours.

Exports to the United States increased from 159,093,000 kilowatt hours a year ago to 161,290,000 kilowatt hours.

Consumption of firm power increased from 1,629,452,000 kilowatt hours in 1937 to 1,635,997,000 kilowatt hours. This is the second highest for any month in the history of the industry, the high record of 1,655,879,000 kilowatt hours being made in October, 1937.

The output of these large stations making monthly reports for the year was 25,994,238,000 kilowatt hours which is approximately 99 per cent of the total output of all stations. This compares with 27,583,927,000 kilowatt hours for 1937. Practically all of this decrease of 1,689,689,000 kilowatt hours was secondary power for electric boilers which dropped from 7,313,014,000 kilowatt hours to 5,787,537,000 kilowatt hours, or by 1,525,477,000 kilowatt hours or 26 per cent.

Exports to the United States dropped from 1,847,100,000 kilowatt hours in 1937 to 1,826,514,000 kilowatt hours. The off peak exports included in these were 451,600,000 kilowatt hours in 1937 and 453,233,000 kilowatt hours in 1938.

The total output less exports and deliveries of secondary power to electric boilers amounted to 18,380,187,000 kilowatt hours compared with 18,423,813,000 kilowatt hours in 1937, a decrease of 43,626,000 kilowatt hours, or less than a quarter of one per cent.

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		Maritime			Prairie	British
در د	Total	Provinces	Quebec	Ontario	Provinces	Columbia
			MONTHLY OUTP	UTS		
Generated by	Water Power			The state of the s		
Dec., 1938 Nov., 1938 Dec., 1937	2,307,254 x 2,334,493 2,409,935	59,727 61,652 60,432	1,234,707 x1,287,028 1,282,770	661,657 x649,491 715,242	183,639 176,290 181,165	167,524 160,032 170,326
Generated by	Fuel					
Dec., 1938 Nov., 1938 Dec., 1937	42,590 41,168 48,061	16,275 16,293 23,427	39 <b>7</b> 373 355	42	25,187 24,169 23,651	731 333 586
Total Output						
Dec., 1938 Nov., 1938 Dec., 1937	2,349,844 x 2,375,661 2,457,996	76,002 77,945 83,859	1,235,104 x1,287,401 1,283,125	661,657 x649,491 715,284	208,826 200,459 204,816	168,255 160,365 170,912
Total to Date						
1938 1937	25,994,2 <b>38</b> 27,583,9 <b>2</b> 6	868,532 946,794	13,681,002 14,318,719	7,435,469 8,478,496	2, <b>0</b> 65, <b>21</b> 3 2,060,887	1,944,022 1,779,030
		PROVIN	CIAL CONSUMP	TIONS 1/		
Dec., 1938 2,188,554 Nov., 1938 x 2,210,362 Dec., 1937 2,298,903  Total to Date		74,478 76,581 82,267	949,458 x1,010,527 1,032,743	787,673 x 762,560 808,288	210,374 201,940 206,381	166,571 158,754 169,224
1938 1937	24,167,884 25,736,827	852,270 931,024	10,701,784	8,605,943 9,147,705	2,082,771 2,078,799	1,925,116 1,759,972

#### INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1936 1937 1938	201.54 223.35 219.82	196.42 225.22 215.88	210.40 237.66 222.48	223.02 239.32 21.2.63	210.30 232.28 210.15	215.76 239.83 209.82
					OUTPUT LESS	EXPORTS AND
1936 1937 1938	172.69 180.22 190.01	167.92 180.02 191.82	173.51 191.69 196.22	177,51 198.08 193.72	176.07 195.08 192.93	181.29 200.48 195.35

<sup>1/</sup> Production plus provincial imports less provincial exports.
x Revised.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
			DAILY AVERAGE	E OUTPUTS 2/	and the same of th	The state of the s	
	74,428 x 77,815 77,740	1,927 2,055 1,949	39,829 x42,901 41,380	21,344 21,649 23,073	5,924 5,876 5,844	5,404 5,334 5,494	
	1,374 1,372 1,550	525 543 756	13 12 11	•••	812 <sup>2</sup> 806 <sup>2</sup> 763	24 11 19	
2	75,802 x 79,187 79,290	2,452 2,598 2,705	39,842 x 42,913 41,391	21,344 21,649 23,074	6,736 6,682 6,607	5,428 \$,345 5,513	
All Laboratory	71,217 75,572	2,380 2,594	37,482 39,229	20,371 23,229	5,658 5,646	5,3 <b>26</b> 4,87 <b>4</b>	
DELIVERIES TO ELECTRIC BOILERS							
	552,557 596,146 669,451	(3) 6,531 7,042 6,891	386,429 441,513 519,203	102,494 94,086 84,458	(4) 56,812 53,205 58,356	291 300 543	
-	787,537 313,014	80,408 42,460	4,298,642 5,786,682	965,928 1,000,753	438,824 476,986	3,735 6,133	

/ERAGE, 1926 = 100)

Control of the production of the control of the con					
July	August	September	October	November	December
PUT					
215.84 233.67 212.28	212.47 231.12 217.88	210.97 227.81 223.61	216.25 224.27 220.89	215.65 230.21 x <u>226.49</u>	219.36 231.83 221.63
IVERIES TO I	ELECTRIC BOILERS				
182,36 202,60 196,91	182.71 203.38 _199.24	184 29 204 53 198 95	183.13 197.80 194.08	178.22 196.34 x 194.14	179.39 192.73
202.60 196.91	199.24	204.53	197.80	196.34	

No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

New Brunswick only.

4/ Manitoba only.

Month	1934	1935	1936	1937	1938
January February March April May June July August September Octrber November	1,725,264 1,614,425 1,797,334 1,697,909 1,830,820 1,708,632 1,621,314 1,676,865 1,627,289 1,853,226 1,953,512	2,012,742 1,803,447 1,943.555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365.052 2,414,676	2,281,299 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,071,901 2,163,645 2,329,428 x 2,375,661
December TOTAL	2,052,940	2,156,525	2,325,733	2,457,996 27,583,927	2,349,844

#### EXPORTS TO THE UNITED STATES

erampeanserapensperiete for wall, up, etc., int., etc.	possesses a sometime of a second of		good designed to young a special to the	CONTRACTOR OF THE PROPERTY OF	
January February March April May June July August September October November December	100,485 102,151 112,115 63,105 111,000 113,640 105,856 115,988 107,114 107,122 99,714 110,508	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305 112,838	118,050 110,684 125,921 125,496 130,530 157,871 157,543 143,342 125,127 129,323 126,152 128,070	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 x 165,298 161,290
TOTAL	1,248,798	1,364,587	1,578,109	1,847,100	1,826,514

## OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

January February March April May June July August September October November December	1,216,922 1,117,047 1,239,377 1,141,203 1,244,982 1,158,889 1,159,301 1,191,218 1,173,190 1,290,580 1,292,686 1,348,205	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,554,892 1,432,541 1,569,139 1,477,217 1,502,741 1,457,978 1,467,938 1,512,244 1,530,546 1,624,738 x 1,614,216 1,635,997
TOTAL	14,573,600	15,795,176	16,873,342	18,423,813	18,380,187

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 1

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation & Public Utilities Branch, G.S. Wrong, B.Sc.

# OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA JANUARY, 1939

Central electric stations produced 2,386,771,000 kilowatt hours in January, compared with 2,281,299,000 kilowatt hours in January, 1938, and 2,317,906,000 kilowatt hours in January, 1937. This was the highest January output on record and was greater than for any month last year.

Exports to the United States increased from 157,532,000 kilowatt hours in January, 1938, and 161,290,000 kilowatt hours in December to 166,915,000 kilowatt hours.

Deliveries of secondary power to electric boilers amounted to 572,516,000 kilowatt hours, an increase of 3,641,000 kilowatt hours, or 0.6 per cent, over January 1938 deliveries.

Consumption of firm power rose from 1,554,892,000 kilowatt hours in January last year to 1,647,340,000 kilowatt hours. This has been exceeded only once, which was in October, 1937, with a record of 1,655,879,000 kilowatt hours.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTHI	Y OUTPUTS			
Generated by Wa	ter Power					
Jan., 1939 Dec., 1938 Jan., 1938	2,346,316 2,307,254 2,242,975	58,632 59,727 53,134	1,273,215 1,234,707 1,193,628	659, <b>0</b> 63 661,657 66 <b>0</b> ,634	186,220 183,639 166,734	169,186 167,524 168,845
Generated by Fu	el					
Jan., 1939 Dec., 1938 Jan., 1938	40,455 42,590 38,324	15,811 16,275 15,244	371 397 338	60	24,048 25,187 22,425	225 731 257
Total Output						
Jan., 1939 Dec., 1938 Jan., 1938	2,386,771 2,349,844 2,281,299	74,443 76,002 68,378	1,273,586 1,235,104 1,193,966	659, <b>0</b> 63 661,657 66 <b>0</b> ,694	210,268 208,826 189,159	169,411 168,255 169,102
ام بيد يوهو و د يو هو د يست به موهو اختي <u>اي د ا</u>	O G A GO O PARK ) W REP AND	PROVINCIAL	CONSUMPTIONS	1/	D ~	
Jan., 1939 Dec., 1938 Jan., 1938	2,219,856 2,188,554 2,123,767	72,914 74,478 66,833	968,852 949,458 929,151	798,545 787,673 769,637	211,822 210,374 190,563	167,723 166,571 167,583

#### INDEX NUMBERS

6	January	February	March	April	May	June
						TOTAL
1937	223.35	225.22	237.66	239.32	232.28	239.83
1.938	219.82	215.88	222.48	212.63	210.15	209.82
1939	229.99					
				9	UTPUT LESS EX	PORTS AND
1937	180.22	180.02	191.69	198.08	195.08	200.48
1938	190.01	191.82	196.22	193.72	192.93	195.35
1939	201.30				20,000	
ere thank-upo 2 day						

<sup>1/</sup> Production plus provincial imports less provincial exports.
x Revised.

where the same and the same		(-nousangs of	Allowatt Hours	3)	
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVER	AGE OUTPUTS 2/	/	Secretary of the Secretary of the Secretary of the Secretary
75,688 74,428 72,354	1,891 1,927 1,714	41,071 39,829 38,504	21,260 21,344 21,311	6,007 5,924 5,378	5,459 5,404 5,447
1,304 1,374 1,236	510 525 492	12 13 11	000	776 812 723	6 2 <b>4</b> 8
76,992 75,802 73,590	2,401 2,452 2,206	41,083 39,842 38,515	21,260 21,344 21,313	6,783 6,736 6,101	5,465 5,428 5,455
572,516 552,557 568,875	(3) 6,785 6,531 2,617	DELIVERIES TO EL 401,736 386,429 431,313	102,155 102,494 83,317	(4) 61,556 56,812 51,180	284 291 448
ERAGE, 192	6 = 100)	with a more allowed the second of the second and and a second a second and a second	- Security-configuration of the phononic state of the security and the sec	to be proposed to the second t	
July	August	September	October	November	December
TPUT			0 11 10 11 10	and the state of t	o o o m o o i
233.67 212.28	231.12 x 218.31	227.81 223.61	224.27 220.89	230.21 226.49	231.83 221.63
LIVERIES TO	ELECTRIC BOILERS				
202.60 196.91	203.38 x 199.76	204.53 198.95	197.80 194.08	196.34 194.14	192,73 193,50

No allowance is made for the effect of holidays, Sundays or Saturdays, etc. New Brunswick only. 4/ Manitoba only.

Month	1935	1936	1937	1938	1939
January February March April May June July August September October November December	2,012,742 1,803,447 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,281,299 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 x 2,075,901 2,163,645 2,329,428 2,375,661 2,349,844	2,386,771
TOTAL	23,404,412	25,394,292	27,583,927	x25,998,238	

#### EXPORTS TO THE UNITED STATES

, h ,	The Confession of the Wall Statement with the time and the State services of the services of t	And the second trace and the segment of the second	where	- 1 T - 1 25-65 13 60 00 13 15-16 00 00 00 00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	200,020
March	103,957	125,921	172,695	144,091	
April	97,475	125,496	164,250	135,616	
May	94,256	130,530	161,033	155,292	
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146.530	129,323	142,736	165,455	
November	112,305	126,152	145,549	x 165,299	
December	112,838	128,070	159,093	161,290	
				- 0 v x 00	edigoro ye çireçmişindeniği nanadı ramak dinad
TOTAL	1.364,587	1,578,109	1,847,100	x1,826,515	

#### OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS

	and the second of the second o	by 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
January Eebruary March April May June July August September October November December	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,554,892 1,432,541 1,569,139 1,477,217 1,502,741 1,457,978 1,467,938 x1,516,244 1,530,546 1,624,738 x1,614,215 1,635,997	1,647,340
TOTAL	15,795,176	16,873,342	18,423,813	x18,384,186	

DEPT. OF POLITICAL SCIENCE

UNIVERSITY OF TORONTO

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

57-00

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 2

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### FEBRUARY, 1939

The output of central electric stations in Canada during February amounted to 2,213,938,000 kilowatt hours which was the highest February output on record, and on a daily basis November and December, 1937, and November 1938 were the only months with greater outputs.

Exports to the United States dropped to 153,491,000 kilowatt hours from 166,915,000 kilowatt hours in January, but on a gaily basis were slightly above the January exports.

Deliveries of secondary power to electric boilers amounted to 575,863,000 kilowatt hours, compared with 501,964,000 kilowatt hours in February, 1938 and 579,327,000 kilowatt hours in January last.

The consumption of firm power in Canada increased from 1,432,541,000 kilowatt hours in February, 1938 to 1,484,584,000 kilowatt hours. Although on a daily basis this was slightly greater than the January, 1939 consumption, and the index number, after adjustments for seasonal trends, dropped from 200.47 to 198.79.

Account of the second contraction of the second sec		programme and any ordered the second	-	7		
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbi
		MONTHLY OU	TPU <b>T</b> S			
Generated by Wate	er Power		Secretary Control			
Feb., 1939 Jan., 1939 Feb., 1938	2,174,945 2,346,316 2,020,785	44,420 58,632 52,434	1,194,388 1,273,215 1,098,003	620,548 659,063 572,804	170,641 186,220 149,448	144,94 169,18 148,09
Generated by Fuel						
Feb., 1939 Jan., 1939 Feb., 1938	38,993 40,455 36,813	15,916 15,811 15,958	328 371 301	47	21,768 24,048 19,656	98 22 85
Total Output						
Feb., 1939 Jan., 1939 Feb., 1938	2,213,938 2,386,771 2,057,598	60,336 74,443 68,392	1,194,716 1,273,586 1,098,304	620,548 659,063 572,851	192,409 210,268 169,104	145,92 169,41 148,94
Total to Date						
1939 1938	4,600,709 4,338,897	134,779 136,770	2,468,302 2,292,270	1,279,611 1,233,546	402,677 358,263	315,34 318,04
	997	PROVINCI	AL CONSUMPTION	ONS 1/		
Feb., 1939 Jan., 1939 Feb., 1938	2,060,446 2,219,856 1,934,504	58,996 72,914 67,198	908,599 968,852 862,704	754,631 798,545 686,653	193,799 211,822 170,559	144,42 167,72 147,39
Total to Date	,					
1939 1938	4,280,302 4,058,271	131,910 134,031	1,877,450 1,791,855	1,553,176 1,456,290	405,621 361,122	312,14 314,97

#### INDEX NUMBER

		- Bernellen Straffer -				
	January	February	March	April	May	June
1937	223.35	225.22	237.66	239.32	232.28	239.8
1938	219.82	215.88	222,48	212.63	210.15	209.8
1939	229.99	232.29				
				OU	TPUT LESS E	XPORTS A
1937	180.22	180.02	191.69	198.08	195.08	200.4
1938	190.01	191.82	196.22	193.72	192.93	195.3
1939	x200.47	198.79		2000110	100000	1,00,00

Production plus provincial imports less provincial exports.

Revised

	region de 160 troperas representantes	(1)	housands of Kil	Lowatt Hours)		
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGE	OUTPUTS 2/		Contract Con
	77,676 75,688 72,171	1,586 1,891 1,873	42,657 41,071 39,214	22,162 21,260 20,457	6,094 6,007 5,338	5,177 5,459 5,289
	1,393 1,304 1,315	569 510 570	12 12 11	* * c * * * 2	777 776 702	35 6 30
	79,069 76,992 73,486	2,155 2,401 2,443	42,669 41,083 39,225	22,162 21,260 20,459	6,871 6,783 6,040	5,212 5,465 5,319
	77,978 73,541	2,284 2,318	41,836 38,852	21,688 20,908	6,825 6,072	5,345 5,391
		<u> </u>	DELIVERIES TO E	LECTRIC BOILER	2.S	
:	575,863 x579,327 501,964	(3) 6,785 4,503	399,603 x408,547 371,449	119,124 102,155 80,241	(4) 56,909 61,556 45,385	227 284 386
	,155,190 ,070,839	6,785 7,120	808,150 802,762	221,279 163,558	118,465 96,565	511 834
VEF	RAGE, 1926 =	100)				301
	July	August	September	October	November	December
	233.67 12,28	231.12 218.31	227.81 223.61	224.27 220.89	230.21 226.49	231.83 221.63

197.80

194.08

204.53

198.95

ELIVERIES TO ELECTRIC BOILERS

203.38

199.76

202.60

196.91

196.34

194.14

192.73

193.50

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. / New Brunswick only. 4/ Manitoba only.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

	[ 1			
	(Thousands of K		1070	7.070
1 <b>9</b> 35	1936	1937	1958	1939
				2,386,771
1,803,447	1,938,978	2,146,578	2,057,598	2,213,938
3 816 189	4.030.475	4.464.484	4.338.897	4,600,709
Andrew Control of the				1.
	t and the second			
-				
	1			
1,791,544			-	# P 2
1,851,153	2,020,416	2,197,725	2,075,901	1
1.919.213	2,041,423	2,204,291	2,163,645	
-				
	7	7		
				·
23,404,412	25, 394, 292	27,593,927	25,998,238	
	EXPORTS TO	THE UNITED ST	ATES	
				ì
113,878	118,050	134,931	157,532	166,915
			123,094	153,491
				320,406
		And the state of t		
		-		1
				1
				al .
142,177	125,127	143,441	151,691	
146,530	129,323	1.42,736	165,455	h .
112,305	126,152	145,549	165,299	1
-	128,070	159,093	161,290	
	1 578 109	7 847 100	1 826 515	an eranger-referensistens omgeste somhere i half-re dit et stilletensistensistens- <del>stilletensis</del> tensistens-
netti perikkili tili perikki kung perintakan selepapa, tili kanpanan perikkiliga kanada tilipang delambaran selam	an a proposition of the contraction of the contract	armigarmigarriigaariikisimigiiniikaaaankeennyttä 1 kiriikiskeenniigaa, tääntyteennii		
OUTPUT LES	SS EXPORTS AND D	ELIVERIES TO EL	ECTRIC BOILERS	_
1.344.646	1.413.216	1.474.787	1.554.892	x1.640.530
				1,484,584
and the desired of the second		And the second s		3,125,114
The state of the s				0,120,114
				in the second
-	1			
-				1
-			1,467,938	
1,306,710	1,386,797	1,543,699	1,516,244	1
1,317,312	1,417,821	1,573,502	1,530,546	
1,415,896	1,533,075	1,655,879	1,624,738	
1,394,955	1,481,813	1,632,494	1,614,215	,
7 7				
1,411,097	1.516.702	1,629,452	1.635.997	
1,411,097	1,516,702	1,629,452	1,635,997	
	1,919,213 2,162,569 2,143,314 2,156,525 28,404,412  113,878 109,524 223,402 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305 112,838 1,364,587  OUTPUT LE  1,344,646 1,193,820 2,538,466 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312	2,012,742   2,091,497   1,803,447   1,938,978   3,816,189   4,030,475   1,943,555   2,135,640   1,881,029   2,164,628   1,923,071   2,083,363   1,816,250   2,028,980   1,791,544   2,021,147   1,851,153   2,020,416   1,919,213   2,041,423   2,162,569   2,280,508   2,143,314   2,261,979   2,156,525   2,325,733   23,404,412   25,394,292   EXPORTS TO   113,878   118,050   109,524   110,684   223,402   228,734   103,957   125,496   94,256   130,530   107,994   157,871   93,348   157,543   130,305   143,342   142,177   125,127   146,530   129,323   112,305   126,152   112,838   128,070   1,364,587   1,578,109   OUTPUT LESS EXPORTS AND DI   1,344,646   1,413,216   1,193,820   1,298,872   2,538,466   2,712,088   1,321,545   1,367,776   1,353,605   1,371,404   1,245,659   1,353,080   1,270,867   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,359,445   1,306,710   1,366,797   1,317,312   1,417,821	2,012,742	2,012,742

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 3

Dominion Statistician, R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1939

Central Electric Stations in Canada produced 2,366,532,000 kilowatt hours in March compared with 2,258,197,000 kilowatt hours in March, 1938 and 2,412,259,000 kilowatt hours in March 1937.

The decrease from the peak in 1937 was all in secondary and off peak power. Firm power production computed by dedecting secondary power for electric boilers and off peak and surplus power exported to the United States was 1,737,237,000 kilowatt hours in 1939, 1,683,407,000 kilowatt hours in 1938 and 1,651,793,000 kilowatt hours in 1937.

Total exports to the United States amounted to 165,422,000 kilowatt hours compared with 144,091,000 kilowatt hours a year ago. Deliveries of secondary power to electric boilers increased from 544,966,000 kilowatt hours in 1938 to 587,329,000 kilowatt hours, increases being made in Ontario and Manitoba and decreases in Quebec, New Brunswick and British Columbia.

Firm power consumption increased from 1,532,912,000 kilowatt hours in March, 1937 and 1,569,139,000 kilowatt hours in March, 1938 to a new high for March at 1,613,781,000 kilowatt hours and the index number rose to 201.80, the highest reached since September 1937.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS/

					<del>-</del>	
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	Britis Columb
		MONTHLY OUT	PUTS			
Generated by War	ter Powe	MESON SHIP SHIP AND AND SHIP SHIP SHIP SHIP SHIP SHIP SHIP SHIP	ACCIONAL CARCINACIONAL CONTROL			
Mar., 1979 Feb., 19 9 Mar., 19:8	2,329,542 x2,174,972 2,221,777	50,735 44,420 54,660	1,282,071 1,194,388 1,224,640	667,495 x620,575 627,672	179,997 170,641 152,795	149,24 144,94 162,01
Generated by Fue	el					
Mar., 1939 Feb., 1939 Mar., 1938	36,990 38,993 36,420	14,341 15,916 15,847	377 328 318		21,805 21,768 20,090	91
Total Output Mar., 1939 Feb., 1939 Mar., 1938	2,766,532 x2,217,965 2,258,197	65,076 60,.36 70,507	1,282,448 1,194,716 1,224,958	667,495 x620,575 627,702	201,802 192,409 172,887	149,71 145,92 162,14
Total to Date						
1939 1938	6,967,268 6,597,094	199,855 207,277	3,750,750 5,517,228	1,947,133	604,479 531,150	465,0 480,1
		PROVINCIAL	CONSUMPTIONS	1/		
Mar., 1939 Feb., 1939 Mar., 1938	2,201,110 x2,060,474 2,114,106	63,160 58,996 68,937	977,597 x914,783 966,513	808,957 x748,475 743,722	203,305 193,799 174,293	148,09 144,42 160,64
Total to Date 1939 1938	6,481,441 6,172,37	195, <b>0</b> 70 2 <b>0</b> 2,968	2,868,202 2,758,368	2,349,007 2,200,012	608,926 535,415	46 <b>0</b> ,23

					INDE	X NUMBERS
42 house	January	February	March	April	May	June
edi						TOI
1937 1938 1939	223.35 219.82 229.99	225.2 <b>2</b> 215.88 232.29	237.66 222.48 233.15	239.32 212.63	232.28 210.15	<u>239</u> 。 2 <b>09</b> 。
				OUT	PUT LESS EX	PORTS AND
1937 1 38 1939	180.22 190.01 x200.99	180.02 191.82 <b>x</b> 199.28	191.69 196.22 201.80	198.08 193.72	195.08 192.93	200. 195.

<sup>!/</sup> Production plus provincial imports less provincial exports.

x Revised / Thousand of Kilowatt Hours

OUTPUT OF CENTRAL ELECTRIC STATIONS

_	GOTTOT OF CENTRAL ELECTRIC STATIONS									
_	Total	Maritine Provinces	Quebec	Ontario	Prairie Provinces	Britis				
			DATIV AUEDAC		110471668	Golur.hi-				
			ALDI AVERA	SE OUTPUTS 2/						
	75,146 77,676 71,670	1,637 1,586 1,763	41,357 42,657 39,504	21,532 22,162 20,248	5,806 6,094 4,929	4,814 5,177 5,220				
	1,193 1,393 1,174	463 569 511	12 12 10	1	703 777 648	15 35 4				
	76,339 79,069 72,844	2,100 2,155 2,274	41,369 42,669 39,514	21,532 22,162 20,249	6,509 6,871 5,577	4,829 5,212 5,230				
	77,414 73,300	2,221 2,303	41,675	21,635 20,680	6,716 5,902	5,167 5,325				
	587,329	(0	ELIVERIES TO E	1	\$ (4)					
The state of the s	x572,203 544,966	3,042	401,031 x395,943 417,375	128,722 119,124 81,795	(4) 57,315 56,909 42,437	227 317				
	1,734,614 1,615,805	6,785 10,162	1,201,276 1,220,137	<b>350,001</b> 245,353	175,780	772				
A'	VERAGE, 1926 =	100)								
	July	August	September	October	November	Darana	1			
	UTPUT		p *******	000001	••• A CHIDET	December				
9	233.67 212,28	231.12 218,31	227.81 225.61	224.27 220.89	230.21 226.49	231.83 221.63				

197.80

194.08

196.54

194.14

192.73

193.50

204.53

198.95

DELIVERIES TO ELECTRIC BOILERS

203.38

199.76

202.60

196.91

No allowance is made for the effect of holida s, Sundays or Saturdays, etc.
New Brunswick only.

4/ Manitoba onl.

	a		(ilowatt Hours)	The second of th	and the same of th
Month	1935	1936	1937	1938	1939
January	2,012,742	2,091,497	2,317,906	2,281,299	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	x2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,538
Sub Total	5,759,744	6,166,115	6,876,743	6,597,094	6,967,268
April	1,881,029	2,164,628	2,322,884	2,063,801	0,007,1000
May	1,923,071	2,083,363	2,301,167	2,081,935	
June	1,816,250	2,028,980	2,255,338	1,973,155	
July	1,791,544	2,021,147	2,188,055	1,987,774	
August	1,851,153	2,020,416	2,197,725	2,075,901	
September	1,919,213	2,041,423	2,204,291	2,163,645	
October	2,162,569	2,280,508	2,365,052	2,329,428	
November	2,143,314	2,261,979	2,414,676	2,375,661	
December	2,156,525	2,325,733	2,457,996	2,349,844	
TOTAL	23,404,412	25,394,292	27,583,927	25,998,238	
	1	EXPORTS TO	THE UNITED STATE	S	
January	113,878	118,050	134,931	157,532	166,918
February	109,524	110,684	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
Sub Total	327, 359	354,655	445,667	424,717	485,828
April	97,475	125,496	164,250	135,616	್ ಎಂದು ಆ ಕರ್ನಾಟಕ್ಕೆ ಬ್ಯಾಪ್ ಬ್ರಾಪ್ ಬ್ಯಾಪ್ ಬ್ರಾಪ್ ಬ್ಟ
May	94,256	130,530	161,033	155,292	
June	107,994	157,871	158,657	158,313	
July	93,348	157,543	164,057	159,349	
August	130,305	143,342	162,617	149,493	
September	142,177	125,127	143,441	151,691	
October	146,530	129,323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	128,070	159,093	161,290	
TOTAL	1,364,587	1,578,109	1,847,100	1,826,515	) . Compressed the second of the Complete
	OUTPUT LES	S EXPORTS AND DE	LIVERIES TO ELEC	TRIC BOILERS	1
January	1,344,646	1,413,216	1,474,787	1,554,892	x1,644,77!
February	1,193,820	1,298,872	1,344,387	1,432,541	xl,488,271
March	1,321,545	1,387,512	1,532,912	1,569,139	1,613,78.
Sub Total	3,850,011	4,099,600	4,352,086	4,556,572	4,746,821
April	1,267,776	1,353,605	1,510,508	1,477,217	
May	1,304,893	1,371,404	1,519,545	1,502,741	
June	1,245,659	1,353,080	1,496,283	1,457,978	
July	1,270,867	1,359,445	1,510,365	1,467,938	
August	1,306,710	1,386,797	1,543,699	1,516,244	
September	1,317,312	1,417,821	1,573,502	1,530,546	
October	1,415,896	1,533,075	1,655,879	1,624,738	
November	1,394,955	1,481,813	1,632,494	1,614,215	(
December	1,411,097	1,516,702	1,629,452	1,635,997	
Total	15,795,176	16,873,342	18,423,813	18,384,186	
7 9 w w	LE VET TERME AL TO WARRANT OF MORE AS LOTAL IS AN	Windows 10 ag admin property on an or demand	La representation representation and account of	A 2 LANCES LA LOU N - 5000 A SULLEY S.	

# PEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W. D. Euler, M.P., Minister of Trade and Commerce

57-001

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 4

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1939

The output of central electric stations for April amounted to 2,197,171,000 kilowatt hours compared with 2,063,801,000 kilowatt hours in April last year and 2,366,532,000 kilowatt hours for March and the index number dropped from 233.15 for March to 226.48.

Consumption of firm power decreased from 1,613,781,000 kilowatt hours in March to 1,559,933,000 kilowatt hours but the index number adjusted for seasonal variations due to the unequal length of the months and other factors, rose from 201,80 to a new high at 204,57. The previous high record was 204,53 made in September 1937. The adjustment in the index numbers does not take care of five Sundays and five Saturdays in April this year. These are days on which the consumption of firm power is lighter than on other days.

Deliveries of secondary power dropped from 587,329,000 kilowatt hours in March to 495,714,000 kilowatt hours, and exports to the United States declined from 165,422,000 kilowatt hours in March to 141,523,000 kilowatt hours.

The returns for 1938 have been checked and approved or revised by each reporting station and this issue contains the corrections for the entire year. The largest corrections were in secondary power for electric boilers which in a few cases had been over stated.

23/5/39

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

Thousand of Kilowatt Hours

	and the second s	and the manufacture of the second section of the se	V		4
	Maritime			Prairie	British
lotal	Provinces	Quebec	Ontario	Provinces	Columbia
The second secon	THE SECOND SECON	TEATIBLE TE ATTO	Initials		
Generated by Water Power		MONTHLY OUT	PUTS		
April, 1939   2,163,890	51,310	1,169,572	621,854	161,439	159,715
March, 1939 2,329,542		1,282,071	667,495	179,997	149,244
April, 1938 2,030,477		1,077,792	593,366	149,548	156,863
		2,901,970	cocycoc	110,010	100,000
Generated by Fuel					
April, 1939 33,281	13,365	338	000	19,442	136
March, 1939 36,990	· ·	377	000	21,805	467
April, 1938   33,324	14,599	31.5	34	18,259	117
Total Output					
April, 1939 2,197,171	64,675	1,169,910	621,854	180,881	159,851
March, 1939 2,366,532		1,282,448	667,495	201,802	149,711
April, 1938 2,063,801	0	1,078,107	593,400	167,807	156,980
Total to Date					
** By an an and the second sec					
1939 9,164,439		4,920,660	2,568,987	785,360	624,902
1938 8,663,287	278,645	4,593,865	2,454,648	698,957	637,172
	PRO'	VINCIAL CONS	SUMPTIONS 1	}	
April, 1939 2,055,648		887,709	763,950	182,249	158,380
March, 1939 2,201,110		977,597	808,957	203,305	148,091
April, 1938 1,928,184	,	847,581	689,822	169,193	155,501
_			, , , , ,		
Total to Date					
1939 8,537,089	258,430	3,755,911	3,112,957	791,175	618,616
1938 8,102,953	272,916	3,604,481	2,839,834	704,608	631,114

THE STREET, STORY OF THE	A SHOW AND A STATE AND
INDEX	NUMBERS
TIMPLIM	TA CHATDIFFE

time while a second and a second	January	February	March	April	May	June
1937 1938 1939	223.35 X 220.06 229.99	225.22 215.88 232.29	237.66 222.48 233.15	239.32 212.63 226.48	232.28 210.15	TOTAL 239.83 209.82
1937 1938 1939	180°22 X 190°46 200°99	180.02 X 192.28   199,28	191.69 X 196.71 201.80	198.08 X 194.12 204.57	OUTPUT LESS 195.08 X 193.33	EXPORTS AND 200.48 X 197.01

<sup>1/</sup> Production plus provincial imports less provincial exports.
X Revised

Indusand of Kilowatt Hours								
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
		DAILY	AVERAGE OUTPUTS	The state of the s	The Share and th			
72,130 75,146 67,683	1,710 1,637 1,764	38,986 41,357 35,926	20,728 21,532 19,779	5,382 5,806 4,985	5,324 4,814 5,229			
1,109 1,193 1,111	446 463 487	11 12 10	•••	648 703 609	4 15 4			
73,239 76,339 68,794	2,156 2,100 2,251	38,997 41,369 35,936	20,728 21,532 19,780	6,030 6,509 5,594	5,328 4,829 5,233			
76,370 · 72,194	2,204 2,322	41,005 38,282	21,408 20,455	6,545 5,825	5,208 5,310			
	(3)	DELIVERIES T	O ELECTRIC BOILE	ERS (4)				
495,714 587,329 447,901	1,100 5,066	336,747 401,031 324,831	111,307 128,722 77,372	46,329 57,315 40,336	232 261 296			
2,230,328 2,055,007	7,885 15,228	1,538,023 1,536,263	461,308 322,733	222,109 179,337	1,004 1,446			
(AVERAGE,	1926 = 100				And the state of t			
T127								

TOTAL STREET,	And the second s		A PARTICION AND AND AND AND AND AND AND AND AND AN	and provide contents on a section convention of the contents o	
July	August	September	October	November	December
OUTPUT 233,67 212,28	231.12 218.31	227.81 X 224.10	224.27 X 221.27	230.21 226.49	231.83 X 221.95
DELIVERIES 1 202.60 X 196.70	203.38 X 200.06	204.53 X 199.84	197.80 X 194.89	196.34 X 194.51	192.73 X 193.98

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 3/ New Brunswick only. 4/ Manitoba only.

OUTPUT OF CENTRAL ELECTRIC STATIONS

	(Thousands of Kilowatt Hours)							
Month	1935	1936	1.937	1938	1939			
Complete Complete and any and another of all the Complete	and the second s			Barren (Chaptering)				
January	2,012,742	2,091,497	2,317,906	X 2,283,691	2,386,771			
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965			
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532			
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171			
Sub Total	7,640,773	8,330,743	9,199,627	8,663,287	9,164,439			
May	1,923,071	2,083,363	2,301,167	2,081,935				
June	1,816,250	2,028,980	2, 255, 338	1,973,155				
July	1,791,544	2,021,147	2,188,055	1,987,774				
August	1,851,153	2,020,416	2,197,725	2,075,901				
September	1,919,213	2,041,423	2,204,291	X 2,168,435				
October	2,162,569	2,280,508	2,365,052	X 2,333,461				
November	2,143,314	2,261,979	2,414,676	2,375,661				
December	2,156,525	2,325,733	2,457,996	X 2,353,196				
TOTAL	23,404,412	25,394,292	27,583,927	X 26,012,805				
		EXPORTS TO THE U	UNITED STATES					
January	113,878	118,050	134,931	157,532	7.66 03 5			
February	109,524	110,684	138,041	2	166,915			
March	103,957	125,921	172,695	123,094	153,491			
April	97,475	125,496		144,091	165,422			
Sub Total	424,834	480,151	164,250 609,917	135,616	141,523			
May	94, 256	130,530		560,333	627,351			
June	107,994	157,371	161,033	155,292				
July	93,348	157,543	158,657	158,313				
August	130,305		164,057	159,349				
September	142,177	143,342 125,127	162,617	149,493				
October	146,530		143,441	151,691				
November	112,305	129,323	142,736	165,455				
December	112,838	126,152	145,549	165,299				
TOTAL	1,364,587	128,070	159,093	161,290				
Complex approximate superior contraction of the superior c	L90019001	1,578,109	1,847,100	1,826,515				
	OUTPUT LE	SS EXPORTS AND I	ELIVERIES TO EL	ECTRIC BOILERS				
January	1,344,646	1,413,216	1,474,787	X 1,558,575	1,644,775			
February	1,193,820	1,298,872	1,344,387	X 1,435,998	1,488,272			
March	1,321,545	1,387,512	1,532,912	X 1,573,090	1,613,781			
April	1,267,776	1,353,605	1,510,508	X 1,480,284	1,559,933			
Sub Total	5,127,787	5,453,205	5,861,594	6,047,947	6,306,761			
May	1,304,893	1,371,404	1,519,545	X 1,505,826				
June	1,245,659	1,353,080	1,496,283	X 1,470,027				
July	1,270,867	1,359,445	1,510,365	X 1,466,399				
August	1,306,710	1,386,797	1,543,699	X 1,518,479				
September	1,317,312	1,417,821	1,573,502	X 1,537,426				
October	1,415,896	1,533,075	1,655,879	X 1,631,513				
November	1,394,955	1,481,813	1,632,494	X 1,617,311				
December	1,411,097	1,516,702	1,629,452	X 1.640.012				
TOTAL	15,795,176	16,873,342	18,423,813	X 18,434,940	general managements — Olive Servicement — Symmetry Managements and services are services and services are services are services and services are services are services and services are services are services are services and services are ser			

Published by Authority of HON. W. D. Euler, M. P., 57-00

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 5

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MAY, 1939

Central electric stations produced 2,333,235,000 kilowatt hours during May. This was 12.1 per cent over May, 1938 output, 1.4 per cent over the May, 1937 output and was the highest May output on record. The index number, adjusted for seasonal variations, rose to 235.52 which was exceeded only in April and June, 1937.

Exports to the United States amounted to 164,520,000 kilowatt hours compared with 155,292,000 kilowatt hours last year and 141,523,000 kilowatt hours in April.

Deliveries of secondary power to electric boilers increased from 495,714,000 kilowatt hours in April to 545,067,000 kilowatt hours, the increase in Quebec being 58,427,000 kilowatt hours or 17.4 per cent. The consumption of firm power, computed by substracting exports and secondary power deliveries to boilers from total output, rose from 1,559,933,000 kilowatt hours in April and 1,505,826,000 kilowatt hours in May last year to 1,623,648,000 kilowatt hours and the index number rose to a new high at 208.45. The previous high points were 204.57 for April, 1939 and 204.53 for September, 1937.

20/6/39

Price per year 50 cents.

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	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	Britis Columb
the control of the second of t	See	. Stendards and the day single and all the be	OUTPUTS	The Martin Maria Standard Standard Standard Standard	Water and the same	
Generated by Water	r Power		All State Comments and State S			
May, 1939 April, 1939 May, 1938	2,298,531 2,163,890 2,049,165	60,186 51,310 54,537	1,260,850 1,169,572 1,063,386	657,326 621,854 617,048	155,941 161,439 150,304	164,2 159,7 163,8
Generated by Fuel						
May, 1939 April, 1939 May, 1938	34,704 33,281 32,770	14,067 13,365 13,922	340 338 308	24	20,157 19,442 18,399	]
Total Output						
May, 1939 April, 1939 May, 1938	2,333,235 2,197,171 2,081,935	74,253 64,675 68,459	1,261,190 1,169,910 1,063,694	657,326 621,854 617,072	176,098 180,881 168,703	164,3 159,8 164,0
Total to Date						
1939 1938	11,497,674 10,745,222	338,783 347,104	6,181,850 5,657,559	3,226,313 3,071,720	961,458 867,660	789,2 801,1
		PROVINCIAL C	ONSUMPTIONS	1/		
May, 1939 April, 1939 May, 1938	2,168,714 2,055,648 1,926,643	72,782 63,360 67,150	961,319 887,709 835,803	794,254 763,950 691,076	177,551 182,249 170,251	162,8 158,3 162,3
Total to Date						
1939 1938	10,705,803 10,029,596	331,212 340,066	4,717,230 4,440,284	3,907,211 3,580,910	968,726 874,859	781,4 793,4

INDEX NUMBERS

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and the second s	January	February	March	April	May	June
						TOTAL
* * * * * * * * * * * * * * * * * * *	223,35	225.22	237.66	239.32	232.28	239.
1.938	220,06	215.88	222.48	212.63	210.15	White the same of
1939	229.99	232,29	233.1.5	X 226.37	235.52	
				OUT	PUT LESS E	KPORTS AN
1937	180.22	180.02	191.69	198.08	195.08	200.
1938	1.90.46	192,28	196.71	194.12	193.33	197.
1939	200,99	199.28	201.80	204.57	208.45	
	l					

<sup>1/</sup> Production plus provincial imports less provincial exports.
X Revised

	TR 0 1 0										
	Total	Maritime Provinces	Quebec	2	Prairie	British					
	The Albert State of the Control of t	110411669	The state of the s	Ontario	Provinces	Columbia					
			DAILY AVFRAGE (	DUTPUTS 2/							
	_										
	74,146	1,941	40,673	21,204	5,030	5,298					
	72,130 66,1 <b>0</b> 2	1,710 1,759	38,986	20,728	5,382	5,324					
	009202	19700	34,303	19,905	4,848	5,287					
	1,119	454	11		250						
	1,109	446	11	000	650	4					
	1,057	449	10	1	593	4					
	75,265	2,395	40,684	21,204	5,680	5,302					
	73,239 67,159	2,156 2,208	38,997	20,728	6,030	5,328					
	019100	2,200	34,313	19,906	5,441	5,291					
	76,143	2,244	40,939	21,366	6 707	F 005					
	71,160	2,299	37,467	20,342	6,367 5,746	5,227 5,306					
		(3) DEI				0,500					
		(0) Dim	TABILLED TO BIEN	TRIC BOILERS	(4)						
	545,067	1,722	395,174	109,587	38,298	286					
	495,714	1,100	336,747	111,307	46,329	232					
	420,817	8,914	307,880	69,136	34,605	282					
2.	775,395	9,607	1,933,197	E70 90F	000 405	7 000					
	475,824	24,142	1,844,143	570,895 391,869	260,407 213,942	1,290 1,728					
		26 = 100)		002,000	N.EU 9 O'IL	29160					
DOI:		and the same of th			-						
	July	August	September	October	November	December					
0	UTPUT	And the state of t		words processed up the three part that yet the same agree	The all the commendations of the first spins of the light of the contract of t						
		077 70	005 03	004.00	077						
	233.67 212.28	231.12 218.31	227.81 224.10	224.27 221.27	230.21	231.83					
	~_ K. O K. O	V TO OUT	CC40TO	EET OF 1	226.49	221.95					
EL	IVERIES TO	ELECTRIC BOIL	ERS								
	202.60	203.38	204.53	197.80	196,34	192.73					
	196.70	200.06	199.84	194.89	194.51	193.98					
-				AND I have private the same and the same transfer to the Same Same							

<sup>/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
/ New Brunswick only.

4/ Manitoba only.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours) 1938 1939 1936 1937 Month 1935 2.012.742 2,091,497 2,317,906 2,283,691 2,386,771 January 2,146,578 2,057,598 2,213,965 1,803,447 1,938,978 February 2,258,197 2,366,532 1,943,555 2,135,640 2,412,259 March. 2,197,171 2,322,884 2,063,801 1,881,029 2,164,628 April. 2,333,235 2,081,935 1.923.071 2,083,363 2,301,167 May 10,745,222 11,500,794 11.497.674 10,414,106 Sub Total 9,563,844 2,255,338 1.973.155 1,816,250 2,028,980 June 1,791,544 2,021,147 2,188,055 1.987.774 July 2,197,725 2,075,901 2,020,416 1,851,153 August 2,204,291 2,168,435 1,919,213 2.041.423 September 2,280,508 2,365,052 2,333,461 2,162,569 October 2,414,676 2,375,661 November 2,143,314 2,261,979 2,451,996 2,353,196 December 2,156,525 2,325,755 27,583,927 26,012,805 TOTAL 25,394,292 23,404,412 EXPORTS TO THE UNITED STATES 118,050 134,931 157,532 166,915 113,878 January 138,041 123,094 153,491 109,524 110,684 February 144,091 165,422 172,695 March. 103,957 125,921 141,523 164,250 135,616 April 97,475 125,496 164,520 May 94,256 130,530 161,033 155,292 791.871 610,681 770.950 715.625 Sub Total 519,090 158,313 107,994 157,871 158,657 June 164,057 159,349 July 93,348 157,543 143,342 162,617 149,493 August 130,305 142,177 125,127 143,441 151,691 September October 146,530 129,323 142,736 165,455 112,305 126,152 145,549 165,299 November December 112,838 128,070 159,093 161,290 TO"AL 1,364,587 578,109 1,847,100 1,826,515 EXPORTS AND OUTPUT LESS DELIVERIES TO ELECTRIC BOILERS 1,644,775 January 1.344.646 1,413,216 1,474,787 1,558,575 February 1,298,872 1,344,387 1,488,272 1,193,820 1,435,998 March 1,321,545 1,387,512 1,532,912 1,573,090 1,613,781 April 1,267,776 1,353,605 1,510,508 1,559,933 1,480,284 May 1,304,893 1,371,404 1,623,648 1,519,545 1,505,826 Sub Total 7,381,139 7,553,773 7.930.409 6,432,680 6,824,609 1,353,080 1,245,659 1,496,283 1,470,027 July 1,270,867 1.359,445 1,510,365 1,466,399 August 1,306,710 1,386,797 1,543,699 1,518,479 1,417,821 September 1,317,312 1,573,502 1,537,426 October 1,533,075 1,415,896 1,655,879 1,631,513 1,617,311 November 1,394,955 1,632,494 1,481,813 December 1,411,097 1,516,702 1,629,452 1,640,012 TOTAL 15,795,176 16,8:3,342 18,434,940 18,423,813

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 6.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE, 1939

Central electric stations produced during June 2,245,329,000 kilowatt hours for sale. This was an increase of 13.4 per cent over the June 1938 output and the index number adjusted for seasonal variations rose to 238.77 compared with 235.52 for May and the peak of 239.83 made in June 1937.

Exports to the United States amounted to 163,063,000 kilowatt hours, compared with 158,313,000 kilowatt hours in 1938.

Deliveries of secondary power to electric boilers rose from 344,815,000 kilowatt hours last year to 495,510,000 kilowatt hours.

The consumption of firm power, computed by deducting exports and deliveries to boilers from the total output, amounted to 1,586,756,000 kilowatt hours compared with 1,623,648,000 kilowatt hours for May and 1,470,027 kilowatt hours for June last year. After adjustment for the unequal number of days in the months and other seasonal factors the index number rose to a new high at 212.60, exceeding the peak of 208.45 for May this year by 4.15 points.

24/7/39.

Price per year 50 cents.

		( ZIZOGEDOUZO	OT BITOWOO	110010)		
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
Generated by Wa	ter Power	MON	THLY OUTPUTS			
June, 1939 May , 1939 June, 1938	2,209,398 2,298,531 1,939,562	62,491 60,186 59,274	1,211,302 1,260,850 1,018,653	637,696 657,326 585,107	137,269 155,941 128,218	160,640 164,228 148,310
Generated by Fu	<u> </u> <u>e]</u>					
June, 1939 May , 1939 June, 1938	35,931 34,704 33,593	15,790 14,067 14,803	337 340 308	22	19,671 20,157 18,345	133 140 115
Total Output						
June, 193 <b>9</b> May , 1939 June, 1938	2,245,329 2,333,235 1,973,155	78,281 74,253 74,077	1,211,639 1,261,190 1,018,961	637,696 657,326 585,129	156,940 176,098 146,563	160,773 164,368 148,425
Total to Date						
1939 1938	13,743,003 12,718,377	417,064 421,181	7,393,48 <b>9</b> 6,676,520	3,864,009 3,656,849	1,118,398 1,014,223	950,043 949,604
p==		PROVINCIA	PROVINCIAL CONSUMPTIONS			
June, 1939 May . 1939 June, 1938	2,082,266 2,168,714 1,814,842	76,803 72,782 72,917	924,956 961,31 <b>9</b> 789,703	762,901 794,254 657,336	158,363 177,551 148,137	159,243 162,808 146,749
Total to Date						
193 <b>9</b> 1938	12,787,069 11,844,438	408,015 412,983	5,642,185 5,229, <b>9</b> 87	4,669,112 4,238,246	1,127,090 1,022,9 <b>9</b> 6	940,667 940,226

#### INDEX NUMBERS

	January	February	March	April	May	June
1937 1938 1939	223,35 220,06 22 <b>9</b> ,9 <b>9</b>	225,22 215,88 232,29	237.66 222.48 233.15	239.32 212.63 226.37	232, 28 210, 15 235, 52	TOTAL 239.83 209.82 238.77
1937 1 <b>9</b> 38 1 <b>9</b> 39	180°22 190°46 200°99	180.02 1 <b>9</b> 2.28 1 <b>99</b> .28	191.69 196.71 201.80	198.08 194.12 204.57	195.08 193.33 208.45	200.48 197.01 212.60

<sup>1/</sup> Production plus provincial imports less provincial exports.
3/ New Brunswick only.

(Thousands of Allowatt Hours)								
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
	DAI	LY AVERAGE OUTF	PUTS 2/					
73,647	2,083	40,377	21,257	4,575	5,355			
74,146	1,941	40,673	21,204	5,030	5,298			
64,652	1,976	33,955	19,503	4,274	4,944			
1,197	526	11	000	656	4			
1,119	454	11	000	650	4			
1,120	493	10	<u>1</u>	<b>61</b> 2	4			
74,844	2,609	40,388	21,257	5,231	5,359			
75,265	2,395	40,684	21,204	5,680	5,302			
65,772	2,416	33,965	19,504	4,886	4,948			
75,928	2,304	40,848	21,348	6,179	5,249			
70,267	2,327	36,887	20,204	5,603	5,246			
	DELIVE	RIES TO ELECTRIC	BOILERS					
495,510 545,067 344,815	(3) 4,576 1,722 11,174	370,695 395,174 258,031	95,028 109,587 60,112	(4) 24,969 38,298 15,190	242 286 <b>308</b>			
3,270,905	14,183	2,303,892	665,922	285,376	1,532			
2,280,639	35,316	2,102,174	451,981	229,132	2,036			

#### (AVERAGE, 1926 = 100)

July	August	September	October	November	December
OUTPUT					
233.67 212.28	231.12 218.31	227.81 224.10	224.27 221.27	230.21 226.49	231.83 221.95
DELIVERIES TO	ELECTRIC BOILERS				
202.60 196.70	203.38 200.06	204.53 199.84	197.80 194.8 <b>9</b>	196.34 194.51	1 <b>9</b> 2.,73 193.,98

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
4/ Manitoba only.

			OI 12110Wa 00 140		
Month	1935	1936	1937	1938	1939
· 12*	0.030.530	0 003 408	0 77 7 000	0.007 003	0 700 7773
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,44?	1,938,978	2,146,578	2,057,598	2,213,965
March	1.943,555	2,135,640	2,412,259	2, 258, 197	2,366,532
April	1.881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,073	2,083,363	2,301,167	2,081,935	2, 333, 235
June Carb Mate 3	1,816,250	2,028,980	2,255,338	1,973,155	2,245,329
Sub Total	11,380,094	12,497,469	13,756,132	12,718,377	13,743,003
July	1,791,544	2,021,147	2,188,055	1,987,774	
August September	1,851,153	2,020,416	2,197,725	2,075,901	
October	1,919,213	2,041,423	2,204,291	2,168,435	
November	2,162,569	2, 280 - 508 2, 261 - 979	2,365,052	2,333,461	
December	2,156,52	9	2,414,676	2,375,661	
TOTAL	23,404 412	2,325,753, 25,394,2 <b>9</b> 2	2,457,996 27,583,927	2 <sub>5</sub> 353 <sub>5</sub> 196 26 <sub>5</sub> 012 <sub>5</sub> 805	
10. AL	1 60,404 414	んり、つきもんなん	610.000, 961	KO OTKOOOD	
		EXPORTS TO T	HE UNITED STAT	ES	
January	113,878	118,050	134,931	157,532	166,915
February	109,524	110,684	138,041	123,094	153,491
Marsh	1.03,957	125.921	172,695	144,091	165,422
April	97,475	325,496	164,250	135,616	141,523
May	94,256	330,530	161,033	155, 292	164,520
June	107,994	157,871	158,65?	158,313	1.63,063
Sub Total	201,342	768,552	929, 607	873,938	954,934
TOLV	93,348	151,543	164,057	159, 349	3019301
August	130,305	143,342	162,617	1.49 . 493	
September	142,171	725,727	143,441	151,691	
October	146,530	1.29, 323	142,736	165,455	
November	112,300	125,152	145,549	165, 299	
December	112,838	0 28,070	159,093	161,290	
TOTAL.	1,364,587	1,578,109	1.847,100	1,826,515	
	OUTPUT LESS	EXPORTS AND D	ECTVERIES TO E	LECTRIC BOILERS	
fannom	7 344 640	7 477 070	3 45/4 50.5	and their tree tree tree tree tree	7 0 4 4 29 22 20
January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February March	1,193,820	1,298,872	1,344,387	1,435,998	1,488,272
April	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
May	1,267,776 1,304,893	1,353,605	1,510,508	1,480,284	1,559,933
June	1,245,659	1,371,404 1,353,080	1,519,545	1,505,826	1,623,648
			1,496,283	1,470,027	1,586,756
Sub Total July	7,678,339	8,177,689	8,877,422	9,023,800	9,517,165
August	1,270,86 <b>7</b> 1,306,710	1.359.445	1,510,365	1,466,399	
September	1,317,312	1. 386, 797	1,543,699	1,518,479	
October	1,415,896	1,533,075	1.573,502	1,537,426	
November	1,394,955	1,481,813	1,655,879 1,632,494	1,631,513	
December	1,411,097	1,516,702	1,629,452	1,617,311	
TOTAL	15,795,176	16.873.342	18,423,813	1,640,012	
	200 0033111	TO 10 10 10 10 10 10 10 10 10 10 10 10 10	T08.409019	100494040	

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. W.D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 7.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

#### JULY, 1939.

Central electric stations produced 2,204,965,000 kilowatt hours during July, compared with 1,987,774,000 kilowatt hours in 1938 and 2,245,329,000 kilowatt hours in June last. The index number dropped from 238.77 for June to 235.47.

Exports to the United States rose from 159,349,000 kilowatt hours in 1938 to 162,973,000 kilowatt hours, and deliveries of secondary power to electric boilers increased from 362,027,000 kilowatt hours in 1938 to 455,716,000 kilowatt hours.

Consumption of firm power, computed by deducting from total output the exports and deliveries to electric boilers, amounted to 1,586,275,000 kilowatt hours compared with 1,466,399,000 kilowatt hours in July last year and 1,586,756,000 kilowatt hours for June. After adjustment for seasonal variations the index number rose to a new high at 212.78; the previous high index number was 212.60 for June, 1939.

23/8/39.

Price per year 50 cents.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
ter Power	1OM	UTHLY OUTPUTS			
2,167,695	60,591	1,187,568	625,633	129,381	164,722
2,209,398	62,491	1,211,302	637,696	137,269	160,640
1,954,479	5-,103	1,029,679	579,540	127,310	160,847
el					
\$7,270	16,343	365	000	20,397	165
36,481	15,790	337		19,671	133
33,2 <b>9</b> 5	14,210	323		18,638	124
2 204,46	76, 434	1,184,733	625, <b>633</b>	149,778	164,887
2,240,329	78, 28,	1,211-639	657, <b>696</b>	156,940	160,773
2,381,74	11, 315	1,030,002	579,5 <b>40</b>	145,948	160,971
15, 84°, 468	498, 098	8,581,222	4,489,642	1,268,176	1,114,930
(4, 106815)	492, 194	7,10n,522	4,236,389	1,160,171	1,110,575
	FRO IN.	TAL CONSUMPTIC	NS 1/		
2,041,992	75,436	911,721	740,291	151,318	163,226
2,082,266	76,803	924, <b>9</b> 56	. 762,901	158,363	159,243
1,828,426	70,197	7 <b>9</b> 5,747	655,679	147,383	159,421
14,829,0h.	483,401	คั <sub>ว</sub> ก่53 <sub>5</sub> 907	5,409,403	1,278,407	1,103,893
	483,180	ค <sub>ั</sub> งใ≳ค <sub>ั</sub> £34	4,893,925	1,170,379	1,099,647
	2,167,695 2,209,398 1,954,479  2,167,695 2,209,398 1,954,479  2,041,479 2,241,329 2,381,374  2,041,992 2,082,266 1,828,426	Total Provinces  MON  Ser Power  2,167,695 60,591 2,209,398 62,491 1,954,479 5.,103  2,770 16,343 16,790 33,295 14,210  2,204,96: 76,934 2,246,329 78,281 1,381,774 78,515  FROVIN:  2,041,992 75,436 76,803 70,197	Total Provinces Quebec    MONTHLY OUTPUTS	Total Provinces Quebec Ontario  MONTHLY OUTPUTS  2,167,695 60,591 1,87,568 625,633 2,209,398 62,491 1,21,302 637,696 1,954,479 5.103 1,029,679 579,540  21  37,270 16,343 365 367 367 367 367 367 367 367 367 367 367	Total Provinces Quebec Ontario Provinces    MONTHLY OUTPUTS

#### INDEX NUMBERS

	. a. ya. 9	February	March	April.	May	June
		77				TOTAL
1937 1938 1939	223,35 220,06 229,99	225.22 215.88 232.29	237.66 222.48 233.15	239.32 212.63 226.37	232.28 210.15 235.52	239°83 209°82 238°77
				OU	TPUT LESS EX	CPORTS AND
1931 1 <b>9</b> 38 1939	180 .2; 190 .46 200 .99	180.02 192.28 199.28	191.69 196.71 201.80	198.08 194,12 204.57	195.08 193,33 208.45	200.48 197.01 212.60

<sup>1/</sup> Production plus provincial imports less provincial exports. 3/ New Brunswick only.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	DA	AILY AVERAGE OUT	PUTS 2/		
69,926 73,647 . 63,048	1,954 2,083 1,842	38,302 40,377 33,215	20,182 21,257 18,695	4,174 4,575 4,107	5,314 5,355 5,189
1,202 1,197 1,074	527 526 458	12 11 11	000	658 656 601	5 4 4
71,128 74,844 64,122	2,481 2,609 2,300	38,314 40,388 33,226	20,182 21,257 18,695	4,832 5,231 4,708	5,319 5,359 5,193
75,226 69,36 <b>9</b>	2,330 2,323	<b>40,4</b> 77 <b>36,</b> 352	21,178 19,983	5,982 5,472	5,259 5,239
455,716 495,510 362,027	DELIV 3/ 4,130 4,576 10,500	ZERIES TO ELECTR 343,120 370,695 264,948	88,148 95,028 70,117	4/ 20,043 24,969 16,229	275 242 233
3,726,621 3,182,666	18,313 45,816	2,647,012 2,367,122	754,071 522,098	305,419 245,361	1,807 2,269
(AVERAGE, 1920	6 = 100)				
July	August	September	October	November	December
OUTPUT					
233.67 212.28 235.47	231°12 218°31	227.81 22 <b>4.1</b> 0	22 <b>4</b> 。2 <b>7</b> 22 <b>1</b> 。27	230°21 226°49	231.83 221.95
DELIVERIES TO	ELECTRIC BOILERS	3			
202.60 196.70 212.78	203.38 200.06	204,53 199,84	197.80 194.89	196,34 194,51	192.73 193.98

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
4/ Manitoba only.

				1070	1939
Monnik	1631	1934	185	1938	1909
January	2,012,742	2,091,497	2 51906	2 283,691	2,386,771
February	1,803,447	1.938.978	2.146.578	2, 057, 598	2,213,965
March	1,943,555	2 13640	2 412, 259	2, 258, 197	2,366,532
April	1,881,029	2 184,628	2.322 384	2,063,801	2,197,171
May	1,923,071	1,081,363	2.30%16	2,081,935	2, 333, 235
V	1,816,250	2.028 930	2 255 338	1,973,155	2,245,329
Juns	1, 291, 144	2.027 14	2,18B, Uph	1,987,774	2,204,965
San Tata:	1-7, 638	12 400 850	[ - 10 to 1 t	14.706.151	15.947.968
	1,844 205	2 020 416	2 1,97, 24	2,075,901	
August	19414 (1)	2 14, 423	2 204, 391	2 : 68, 435	
September		2,280,508	2,365 108	2 333, 461	
October	2,162,559	2,263.979	2,414,676	2,375,661	
November	2,143,314			2,353,196	
December	2,156,525	2,325,733	2,457,996		
Troi Li	251 404 4, 1	05 194 196	2 (Ho 42	26 012.800	
		WITCHTS IC TA	H TOURS STATES	5	
ia us		1 - (-1)	_ ; - ~ (5)	161.532	166 915
February	109 524	110,684	138-041	123,094	153,491
March	103,957	125,921	1 /2,695	144,091	165,422
April	97,475	125, 496	164.250	135,616	141,523
May	94,256	130.530	161.033	155, 292	164,520
Tyne	107,994	157.871	158,657	158,313	163,063
July	93.348	15/.543	364,057	159,349	162,973
Sub Total	720.432	920, 04 <sub>4</sub>	1 - 33 - 650	1.034.287	1,117,907
August.	1.30,305	145, 342	162,617	149,493	
September	142,177	125,127	143,441	151.691	
Octobes	146,530	129, 323	142,736	1.65,455	
Nevember	11.2,305	126,152	145,549	165,299	
December	112,838	1,28,0/0	159,093	161,290	
7111	1 76- 15	1 1 10-	451	1 825 51	
			- 1111	3 716 7 . 7	
	OUTPUT LESS	EXPORTS AND DE	LIVERIES TO EL	ECTRIC BOILERS	
January	1.344.646	1,413,216	1,474,787	1,558,575	1,644,775
February	1.193,820	1,298,872	1,344,38?	1,435,998	1,488,272
March	1.321.545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480 284	1.559,933
May	1,304,893	1,371,404	1,519,54	1,505 826	1,623,648
June	1,245,659	1,353,080	1,496,288	1-470 027	1 586,756
Tuly	1.270.867	1,359,445	1,510,355	1,466,599	1,586,278
Su' Tia	8 449,04	9 55 1 5 5	J 347 141	10.490 199	11,103,440
Augus	1 71 111	1 24- 12	1.543.509	1.518,479	
2-1-6-1-	1,317,312	1 21 82.	1 778,502	1 537, 42h	
October	1,415,896	i 355,. 't	100 100	1.631.513	
No vember	1,394,955	1.481 615	3 652 444	7.61.51	
December.	1,411,09/	3 016 701	1 689.452	1 840 012	
73765	1 ~ "gh / /H	15 8 5,542	18 425 615	18 434-940	
			20, 201, 122	(() 五(は・りまり	

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Published by Authority of HON. W. D. EULER, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 8

Dominion Statisticisn, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

#### AUGUST, 1939

Central electric stations in Canada produced 2,291,425,000 kilowatt hours during August as against 2,205,189,000 kilowatt hours in July and 2,075,901,000 kilowatt hours in August last year. The index number, adjusted for seasonal variations, rose from 235.49 for July to 240.97 a new high.

Exports to the United States amounted to 177,834,000 kilowatt hours and deliveries of secondary power to electric boilers amounted to 473,858,000 kilowatt hours.

Total output less exports and secondary power delivered to electric boilers amounted to 1,639,732,000 kilowatt hours and the index number rose from 212.81 in July to 216.03.

25/9/39.

Price per year 50 cents.

	(Tho	usands of K	LIOWALL HOU	rs)		
TO THE PROPERTY OF THE PROPERT		Maritime		0 1	Prairie	British Columbia
an en elitability anglish en elitaben (Californi y Minera de Minera de America e de Mentero de America e de Ma	Total	Provinces	Quebec	Ontario	Provinces	Columbia
		MONTHLY	DUTPUTS			
Generated by Water	Power					
Aug., 1939	2,252,272	62,618	1,235,320	651,918	133,851	168,565
July, 1939	x 2,167,919	60,591	1,187,368	x 625,857	129,381	164,722
Aug., 1938	2,037,132	<b>59</b> , <b>39</b> 2	1,089,364	594,097	126,973	167,306
Generated by Fuel						
Aug., 1939	3 <b>9,</b> 153	16,598	383	000	22,031	141
July, 1939	37,270	16,343	365		20,397.	165
Aug., 1938	38,769	14,708	356	0 0 0	19 <b>,9</b> 06	3,799
Total Output						
Aug., 1939	2,291,425	79,216	1,235,703	651,918	155,882	168,706
July, 1939	x2,205,189	76,934	1,187,733	x 625,857	149,778	164,887
Aug., 1938	2,075,901	74,100	1,089,720	5 <b>9</b> 4,097	146,879	171,105
Total to Date						
1939	18,239,617	573,214	9,816,925	5,141,784	1,424,058	1,283,636
1938	16,782,052	566,594	8,796,242	4,830,486	1,307,050	1,281,680
Street, COS desirable vives resulting to the Control of the company of the Control of the Contro	PF	ROVINCIAL CC	NSUMPTIONS	<b> </b> 1/		
	667K.01	Consideration Control of the Control	A CONTRACTOR OF THE PARTY OF TH	<b>=</b> 767 663	157,791	166,662
Aug., 1939	2,113,592	77,794	943,684	767,661 x 740,515	151,318	163,226
July, 1939	x 2,042,216	75,436 72,748	911,721 849,442	686,356	148,475	169,387
Aug., 1938	1,926,408	129140	040,410	000,000	1109110	200,001
Total to Date						2 000 555
1939	16,942,877	561,245	7,497,591	6,177,288	1,436,198	1,270,555
1938	15,599,272	555,928	6,875,176	5,580,281	1,31,8,854	1,269,034
					IND	EX NUMBERS
	,		the first section of the contract of the contr	the of the state o		
associations on all of the holds and all the second of the	January	February	March	April	May	June
Live times required to the req						TOTAL
1937	223.35	225.22	237.66	239, 32	232,28	239.83
1938	220.06	215.88	222,48	212,63	210,15	209.82
1939	229.99	232.29	233.15	226.37	235.52	238.77
				O	UTPUT LESS E	XPORTS AND
1937	180.22	180.02	191.69	198,08	195.08	200.48
1907	2000	100.00	102.00	100,00	107 77	197 01

194.12

204.57

193.33

208.45

197.01

212.60

196 71

201.80

192.28

199.28

190.46

200.99

1938

1939

<sup>1/</sup> Production plus provincial imports less provincial exports.

<sup>3/</sup> New Brunswick only.

x Revised.

	(Indusanus di Allowatt Hours)								
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
			DAILY AVERAG	E OUTPUTS 2/					
	72,654 x 69,933 65,714	2,020 1,954 1,916	39,84 <b>9</b> 38,302 35,141	21,030 x 20,189 19,164	4,318 4,174 4,0 <b>9</b> 6	5,437 5,314 5,397			
	1,263 1,202 1,250	535 527 474	12 12 11	0 0 0 0 0 0 0 0 0	711 658 642	5 5 123			
	73,917 x 71,135 66,964	2,555 2,481 2,390	39,861 3 <b>8,</b> 314 35,152	21,030 x 20,189 19,164	5,029 4,832 4, <b>738</b>	5,442 5,319 5,520			
	<b>7</b> 5,060 <b>69,</b> 062	2,359 2,332	40,399 36,198	21,160 1 <b>9,</b> 879	5,860 5,379	5,282 5,274			
		~ /	DELIVERIES TO E	 LECTRIC BOILE	RES . /				
	473,858 455,716 407,929	3/ 8,985 4,130 9,552	352,030 343,120 302,348	93,600 88,148 78,146	19,007 20,043 17,604	236 275 279			
	4,200,479 3,590,595	27,2 <b>9</b> 8 55,368	2,999,042 2,669,470	847,671 600,244	324,426 262, <b>9</b> 65	2,043 2,548			
	(AVERAGE, 19	26 = 100)							
	July	August	September	October	November	December			
-	OUTPUT								
	233.67 212.28 x 235.49	231.12 218.31 240.97	227.81 224.10	224.27 221.27	230.21 226.49	231.83 221.95			
	DELIVERIES T	A							
	202.60 1 <b>9</b> 6.70 x 212.81	203.38 200.06 216.03	204.53 1 <b>99.</b> 84	197.80 194.89	196.34 194.51	192.73 193.98			

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 4/ Manitoba only.

Month	1935	1936	1937	1 <b>9</b> 38	1939
January	2,012,742	2,091,497	2,317,906	2,283,691	2,386,771
February	1,803,447	1,938,978	2,146,578	2,057,598	2,213,965
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,532
April	1,881,029	2,164,628	2,322,884	2,063,801	2,197,171
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,235
June	1,816,250	2,028,980	2,255,338	1,973,155	2,245,329
Jaly	1,791,544	2,021,147	2,188,055	1,987,774	x 2,205,189
August	1,851,153	2,020,416	2, L97, 725	2,075,901	2,291,425
Sub Total	15,022,791	16,484,649	18,141,912	16,782,052	18,239,617
Sept.enter	1,919,213	2,041,423	2,204,291	2,168,435	
Cictobes	2,162,569	2,280,508	2,365,052	2,333,461	
November	2,143,314	2,261,979	2,414,676	2,375,661	
De <b>qem</b> ber	2,156,525	2,325,733	2,457,996	2,353,196	
7.7141	23,404.412	25, 394, 292	27,583, <b>9</b> 27	26,012,805	
		EXPORTS TO T	HE UNITED STATE	S	
Man. 197 v	113,878	. 18,050	134,931	157,532	166,915
rennany	109,524	1.10,634	138,041	123,094	153,491
March	103,957	125,921	172,695	144,091	165,422
April	97,475	125,496	1.64, 250	135,616	141,523
May	94,256	130,530	161,033	155,292	164,520
dune	107,994	157.871	158,657	158,313	163,063
July	93,348	157 543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
Sub Total	850,737	1,069,437	1,256,281	1,182,780	1,295,741
September	142,177	125,127	143,441	151,691	
October	146,530	129.323	142,736	165,455	
November	112,305	126,152	145,549	165,299	
December	112,838	1.28,070	159,093	161,290	
TOTAL.	1,364,587	1,578,109	1,847,100	1,826,515	
generated in histogram that is with the employment of the party of the	OUTPUT LES	S EXPORTS AND D	ELIVERIES TO EL	ECTRIC BOILERS	Special and the control of the contr
January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,775
February	1,193,820	1,298,872	1,344,387	1,435,998	1,438,272
Warch	1,321,545	1,387,512	1,532,912	1,573,090	1,613,781
April	1,267,776	1,353,605	1,510,508	1,480,284	1,559,933
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,648
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,756
July	1,270,867	1,359,445	1,510,365	1,466,399	x 1,586,499
August	1,306,710	1.,386,797	1,543,699	1,518,479	1,639,732
Sub Total	10,255,916	10, 923, 931	11,932,486	12,008,678	12,743,396
September	1,317,312	1,417,821	1,573,502	1,537,426	
Ortober	1,415,896	1,533,075	1,655,879	1,631,513	
November	1,394,955	1,481,813	1,632,494	1,617,311	
December	1,411,097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 9.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA,

#### SEPTEMBER, 1939.

The output of central electric stations in Canada during September rose to 2,379,811,000 kilowatt hours from 2,168,435,000 kilowatt hours in 1938 and the index number adjusted for seasonal variations rose to a new high at 245.95.

Exports to the United States amounted to 159,713,000 kilowatt hours compared with 151,691,000 kilowatt hours in 1938 and deliveries of secondary power to electric boilers increased from 473,858,000 kilowatt hours in August and 479,318,000 kilowatt hours in September last year to 552,752,000 kilowatt hours.

The consumption of firm power, i.e., the output less exports to the United States and secondary power delivered to boilers, increased from 1,640,530,000 kilowatt hours in August and 1,537,426,000 kilowatt hours in September last year to 1,667,346,000 kilowatt hours, and this index number also rose to a new all-time high at 216.73.

23/10/39.

Price per year 50 cents.

	Total	Maritima Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		MONTHLY	OUTPUTS				
Generated by Wate	r Power						
September, 1939 August, 1939 September, 1938	2,336,675 x 2,252,316 2,128,568	57,842 62,618 58,140	1,264,515 1,235,320 1,140,106	696,931 651,918 628,387	146,953 133,851 140,530	170,434 x 168,609 161,405	
Generated by Fuel	A STATE OF THE STA						
September, 1939 August, 1939 September, 1938	43,136 x 39,907 39,867	19,122 x 17,352 15,793	398 383 349	000	23,428 22,031 21,652	198 141. 2,073	
Total Output		The state of the s					
September, 1939 August, 1939 September, 1938	2,379,811 x 2,292,223 2,168,435	76,964 x 79,970 73,933	1,264,903 1,235,703 1,140,455	696,931 651,918 628,387	170,381 155,882 162,182	170,632 x 168,750 163,478	
Total to Date	A cycle control and the cycle of the cycle o	A CONTRACTOR OF THE CONTRACTOR					
1939 1938	20,620,226 18,950,487	_6 <b>50</b> ,932	11,081,828 9,936,697	5,838,715 5,458,873	1,594,439 1,469,232	1,454,312 1,445,158	
	PR	OVINCIAL C	ONSUMPTIONS	1/		ST, COLOR	
September, 1939 August, 1939 September, 1938	2,220,098 x 2,114,388 2,016,744	75,600 x 78,548 72,493	981,045 943,684 898,888	822,560 767,661 719,821	171,868 x 157,790 163,479	169,025 x 166,705 162,063	
Total to Date							
1939 <b>1938</b>	19,163,771	637,599 628,421	8, <b>4</b> 78,636 7, <b>7</b> 74,064	6,999,848 6,300,102	1,608,065 1,482,333	1,439,623	

#### INDEX NUMBERS

AND INTERNAL PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF	of the state of th	1728 January of Landson State Commencer of					
Printedocada magrico e no establica y C . 11 . exclumerolar	Manuery	February	March	April	May	June	
And the state of t	The state of the s	Service Constitution of the service				TOTAL	
1987 1938 1939	223.35 220.06 229.99	225.22 215.88 232,29	237.66 222.48 233.15	239.32 212.63 226.37	232.28 210.15 235.52	239.83 209.82 238.77	
		Company Today (Today)		es Suprins	UTPUT LESS E	XPORTS AND	
1937 1936 1938	180,22 190,46 200,49	180.02 192.28 199.28	1.91,59 1.96,71 201,80	198.08 194.12 204.57	195.08 193.33 208.45	200.48 197.01 212.60	

<sup>1/</sup> Production plus provincial imports less provincial exports

x Ravised.

<sup>3/</sup> New Brunswick only.

(Inousands of Kilowatt Hours)						
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		DAILY AVERAG	I E OUTPUTS 2/	/		
		,				
77,889	1,928	42,151	23,231	4,898	5,681	
x 72,656 70,952	2,020 1.,938	39,849 38,0 <b>0</b> 4	21,030 20,946	4,318 4,684	x 5,439	
, and the second		00 9 00 1	20,040	2,004	5,380	
1,438	677	7.7				
x 1,287	637 x 559	13 12 12	0 <b>0 0</b>	781 711	7 5	
1,329	526	Juliu	0 0 0	722	69	
			Control of the Contro			
79,327 x 73,943	2,565 x 2,580	42,164 39,861	23,231 21,030	5,679 5,029	5,688 x 5,443	
72,281	2,464	38,01.6	20,946	5,406	5,449	
	CARTONIA CONTRACTOR AND		A THOUGH AND THE STATE OF THE S			
75,532 69,416	2,384	40,593	21,387	5,841	5,237	
039 *±1.0	2,346	36, 398	19,996	5,382	5,294	
	3/	ELIVERIES TO E	LECTRIC BOIL	ERS 4/		
552 <sub>3</sub> .752 <b>473<sub>3</sub>8</b> 58	7,993 8,985	411,501 352,030	109,817 93,600	23,098 19,007	343 236	
479,318	7,311	361,003	84,659	26,073	272	
4,753,231	35,291	3,410,542	957,488	347,524	2,386	
4,069,913	62,679	3,030,473	684,903	289,038	2,820	
(AVERAGE, 1926 = 100)						
July	August	September	October	November	December	
OUTPUT						
233.67	231.12	227.81	224.27	230.21	231.83	
212.28 235.49	218.31 <b>x</b> 241.05	224,10 245,95	221.27	226,49	221.95	
DELIVERIES TO	ELECTRIC BOILER	S				
202.60	203.38	204.53	197.80	196.34	192.73	
196.70 212.81	200.06 x 216.14	199.84 216.73	194.89	194.51	193.98	

<sup>212.81</sup> x 216.14 216.73

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc.
4/ Manitoba only.

(Inousands of Allowatt Hours)						
Month .	1935	1936	1937	1938	1939	
January February March April May June July August September Sub Total October November December	2,012,742 1,803,337 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 16,942,004 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 18,526,072 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 20,346,203 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 18,950,487 2,333,461 2,375,661 2,353,196	2,386,771 2,213,965 2,366,532 2,197,171 2,333,235 2,245,329 2,205,189 x 2,292,223 2,379,811 20,620,226	
TOTAL	23,404,412	25,394,292	27,583,927	26,01.2,805		
EXPORTS TO THE UNITED STATES						
January February March April May June July August September	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177	118,050 110,684 125,921 125,496 130,530 157,871 157,543 143,342 125,127	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,834 159,713	
Sub Total October November December	992,914 146,530 112,305	1,194,564 129,323 126,152	1,399,722 142,736 145,549 159,093	1,334,471 165,455 165,299 161,290	1,455,454	
	112,838	128,070				
TOTAL 1,364,587 1,578,109 1,847,100 1,826,515 OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS						
January February March April May June July August September Sub Total October	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 11,573,228 1,415,896	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 12,341,752 1,533,075	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 13,505,988 1,655,879	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 13,546,104 1,631,513	1,644,775 1,488,272 1,613,781 1,559,933 1,623,648 1,586,756 1,586,499 x 1,640,530 1,667,346	
November December	1,394,955 1,411,097	1,481,813 1,516,702	1,632,494 1,629,452	1,617, <b>511</b> 1,640,012		
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940		

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 10.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1939

Central electric stations during October produced 2,589,956,000 kilowatt hours which was a new high record for monthly output. When adjusted for the uneven number of days in the months and other seasonal factors the index number was only slightly below the record made last September, dropping from 246.03 to 245.59. Compared with the October 1938 output of 2,333,461,000 kilowatt hours, the increase was 11 per cent.

Exports to the United States declined 8.3 per cent or from 165,455,000 kilowatt hours in 1938 to 151,794,000 kilowatt hours and deliveries of secondary power to electric boilers increased from 536,493,000 kilowatt hours in 1938 to 634,114,000 kilowatt hours or by 18.2 per cent.

Consumption of firm power, including line losses, increased to a new high at 1,804,048,000 kilowatt hours, exceeding the previous record made in September by 8 per cent and adjusted for the extra day (a Sunday) the increase was 5.4 per cent. The usual seasonal increase was slightly more than this and consequently the index number declined from 216.84 for September to 215.50 but was 20.61 points above the index number for October last year.

21/11/39。

Price per year 50 cents.

### (Thousands of Kilowatt Hours)

		Maritime			Prairie	British	
	Total	Provinces	Quebec	Ontario	Provinces	Columbia	-
		MONTHLY	OUTPUTS				
Generated by Wate	er Power						
October, 1939 September, 1939 October, 1938	2,542,399 2,336,675 2,291,519	58,853 57,842 61,233	1,393,914 1,264,515 1,232,782	748,704 696,931 665,449	167,560 146,953 162,996	173,368 170,434 169,059	
Generated by Fuel			9	•			
October, 1939 September, 1939 October, 1938	47,557 x 43,976 41,942	20,024 19,122 16,687	409 388 370	0 0 0 0 0 0 0 0 0	25,540 23,428 23,700	1,584 x 1,038 1,185	
Total Output							
October, 1939 September, 1939 October, 1938	2,589,956 x 2,380,651 2,333,461	78,877 76,964 77,920	1,394,323 1,264,903 1,233,152	748,704 696,931 665,449	193,100 170,381 186,696	174,952 x 171,472 170,244	
Total to Date							
1939 1938	23,213,735 21,283,948	729,809 718,447	12,4 <b>7</b> 6,151 11,169,849	6,587,419 6,124,322	1,787,539 1,655,928	1,632,817 1,615,402	
	F	ROVINCIAL	CONSUMPTIONS	1/			
October, 1939 September, 1939 October, 1938	2,438,162 x 2,220,938 2,168,006	77,412 75,600 76,490	1,090,379 981,045 979,089	902,443 822,560 755,609	194,791 171,868 188,125	173,137 x169,865 168,692	
Total to Date	A						
1939 1938	21,606,488 1 19,784,022	715,011 704,911	9,570,015 8,753,153	7,902,291 7,055,711	1,802,856 1,670,458	1,616,315 1,599,789	

#### INDEX NUMBERS

-		January	February	March	April	May	June	
		o darate. J					TOTAL	
	1937 1938 1939 <sub>X</sub>	223.35 220.06 230.01	225.22 215.88 232.31	237.66 222.48 233,17	239.32 212.63 226.39	232.28 210.15 235.54	239.83 209.82 238.79	
					OUTPU	T LESS EXPO	RTS AND	
	1937 1938 1939 ×	180°22 190°46	180.02 192.28 199.31	191.69 196.71 201.83	198.08 194.12 204.59	195.08 193.33 208.47	200°48 197°01 212°63	

<sup>1/</sup> Production plus provincial imports less provincial exports

<sup>3/</sup> New Brunswick only.

x Revised.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
					00200000
		DAILI AVERA	GE OUTPUTS 2/		
82,013	1,898	44,965	24,152	5,405	5,593
77,889 73,920	1,928 1,975	42,151 39,767	23,231	<b>4,</b> 898 <b>5,</b> 258	5,681 5,454
1,534	646'	7 2	-	204	F-3
x 1,466	637	13 13		824 <b>7</b> 81	51 x 35
1,353	<b>5</b> 38	12	000	765	38
83,547	2,544	44,978	24,152	6,229	5,644
79,355 75,273	2,565 2,513	42,164 39,779	23,231 21,466	5,679 6, <b>023</b>	x 5,716 5,492
76 763	0.407	43.040	93, 000	F 000	F 773
76,361 70,013	2,401 2,363	41,040 36,743	21,669	5,880 5,447	5,371 5,314
	Dī	LIVERIES TO	ELECTRIC BOILER	S.	
674 334	3/	1		4/	200
634,114 552,752	5,953 7,993	476,214 411,501	117,394	<b>34,324</b> 23,098	229 343
536,493	4,156	404,279	87,965	39,769	324
387,345	41,244	3,886,756	1,074,882	381,848	2,615
606,406	66,835	3,434,752	772,868	328,807	3,144
AVERAGE, 1926	= 100)		5 )/		
July	August	September	October	November	December

UTPUT 233.67 230.21 231.83 231.12 227.81 224.27 212.28 221.27 226.49 221.95 218.31 224.10 235.56 246.03 245.59 241.14 DELIVERIES TO ELECTRIC BOILERS 202.60 203.38 204.53 197.80 196.34 192.73 196.70 194.51 193.98 199.84 194.89 200.06 212.90 215.50 216.25 216.84

4/ Manitoba only.

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc.

Month	1935	1936	1937	1.938	1.939
January	2,012,742	2,091,,49?	2,317,906	2,283,691	x 2,386,979
February	1,803,337	1,,938,,978	2,146,578	2,057,598	x 2,214,174
Marrit	1,943,555	2,1.35,640	2,412,259	2,258,197	x 2,366,740
April	1.,881.,029	2,164,628	2,322 884	2.063.801	x 2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	x 2,333,443
Tune	7 816 .250	2 028 980	2 255 338	1.973.1.55	x 2,245,537
aiul v	1.,791,544	2,021,147	2,188,055	1,987,774	x 2,205,844
August	1,851,153	2,020,416	2,197,725	2,075,901	x 2,293,032
September	1,919,213	2,041,423	2,204,291	2,168,435	x 2,380,651
October	2,162,569	2,280,508	2,365,052	2,333,461	2,589,956
Sun Maial	1.9 1.04 573	20,806,580	22. 711 255	2] 283, 948	23,213,/35
November	2,143,314	2,261,979	2,414,676	2,375,661	20,010,100
December	2,156,525	2,325,733	2,457,996	2,353,196	
TOTAL			27 583 927		
TOTAL	23 404,412	25, 394, 292	21,700 421	26,012,805	· · · · · · · · · · · · · · · · · · ·
	E	(POPTS TO THE I	INTED STATES		
January	1.3.3,878	1.18_050	1.34 931.	3.57,532	166,915
February	1.09.524	110,684	1.38,041	123,094	153,491
March	103,957	1.25 921	172,695	144.091.	165,422
April	97,475	1.25 496	164,250	1.35,616	141.,523
May	94,256	130,530	1.61.,033	155,292	164,520
June	107,994	157,871	1.58,657	1.58,31.3	163,063
July	93.348	1.57,543	1.64,057	159.349	162,973
August	1.30, 305	143,342	162,617	149,493	177,834
September	1.42,177	125,127	143,441.	151,691	159,713
October	1.46,530	1.29 3.23	142,736	165,455	151,794
Sub Total	1,139,444	1.,323,885	1,542,458	1,499,926	1,607,248
November	112,305	126 152	145,549	1.65,299	
December	112,838	1.28 .076	1.59.093	1.61., 290	
TOTAL	1,364,587	1,578,109	1.,847,100	1,826,515	
	*	KPORTS AND DELD			
January	1,344,646	1,413,216	1,,474,,787	1,558,575	x 1,644,983
February	1,193,820	1.298 872	1.,344.387	1.435,998	x 1,488,480
Marca	1,321,545	1,387,512	1,532,912	1,573,090	x 1,613,989
April	1, 267, 776	1,353,605	1,510,508	1.480,284	x 1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	x 1,623,856
June	1,245,659	1.353,080	1,496,283	1,470,027	x 1.586,964
July	1,270,867	1,359,445	1,510,365	1,466,399	x 1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	x 1,641,340
September	1,317,312	1.,417,821.	1,573,502	1.,537,426	x 1,668,186
October	1,415,896	1,533,075	1,655,879	1,631,513	1,804,048
Sub Total	12,989,124	13,874,829	15,161,867	15,177,617	16,219,142
November	1., 394., 955	1,481,813	1,632,494	1,617,311.	, , , , , , , , , , , , , , , , , , ,
December	1., 411, 097	1,516,702	1,629,452	1,640,012	
TOTAL	15,795,176	1.6 .873 ,342	18,423,813	18 434 940	
	100,000,00	2,0.0 71976	ユントマルツ、いより	A	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 11.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### NOVEMBER, 1939

Central electric stations created a new record in November by producing 2,606,821,000 kilowatt hours compared with 2,589,956,000 kilowatt hours for October the previous high output. This was more than a seasonal increase and the index number rose from 245.39 for October to 248.53. The increase over November 1938 output was 231,625,000 kilowatt hours or 9.8 per cent.

Exports to the United States declined from 165,299,000 kilowatt hours a year ago to 155,246,000 kilowatt hours, the decrease being all off-peak power exports which decreased by 14,066,000 kilowatt hours or from 48,956,000 to 34,890,000 kilowatt hours. Deliveries of secondary power to electric boilers rose to 642,262,000 kilowatt hours compared with 634,114,000 kilowatt hours in October and 593,051,000 kilowatt hours in November last year.

Consumption of firm power computed by deducting exports and deliveries to boilers from total output also rose to a new high at 1.809,312,000 kilowatt hours and the index number rose from 216.84 for September, the previous high point to 217.60.

The largest increase in consumption of firm power over last year was in Ontario where it increased by 130,301,000 kilowatt hours or 19.5 per cent. In Quebec the increase was 31,212,000 kilowatt hours or 5.5 per cent, in the Maritime Provinces 10,678,000 kilowatt hours or 15.4 per cent, in the Prairie Provinces 8,037,000 kilowatt hours or 5.4 per cent and in British Columbia 11,774,000 kilowatt hours or 7.4 per cent.

	Total	Maritime Province	s Quebec	Ontario	Prairie Provinces	British Columbia	
		M	ONTHLY OUTPO	JTS			
Generated by Wate	r Power	1					
November, 1939 October, 1939 November, 1938	2,558,676 2,542,399 2,334,493	64,352 58,853 61,652	1,411,050 1,393,914 1,287,028	741,612 748,704 649,491	169,871 167,560 176,290	171,791 173,368 160,032	
Generated by Fuel							
November, 1939 October, 1939 November, 1938	48,145 47,557 41,168	21,413 20,024 16,293	438 409 373	000 000	25,891 25,540 24,169	403 1,584 333	
Total Output							
November, 1939 October, 1939 November, 1938	2,606,821 2,589,956 2,375,661	85,765 78,877 77,945	1,411,488 1,394,323 1,287,401	741,612 748,704 649,491	195,762 193,100 200,459	172,194 174,952 160,365	
Total to Date							
1939 1938	25,820,556 23,659,609		13,887,639 12,457,250	7,329,031 6,773,813	1,983,299 1,856,387	1,805,013 1,775,767	
		PROVINC	TAL CONSUMP	TIONS 1/			
November, 1939 October, 1939 November, 1938	2,451,875 2,438,162 2,210,362	77,412	1,080,966 x1,090,292 1,010,527	918,284 x902,530 762,560	197,360 201,789 201,940	170,499 x173,139 158,755	
Total to Date							
1939 1938	24,058,063 21,994,384		10,656,045 9,763,680	8,815,510 7,818,271	2,000,214 1,872,398	1,786,817 1,758,544	

#### INDEX NUMBERS

		1	2.5 2			T	
	January	February	March	April April	May	June	
						TOTAL	
1937 1938 1939	223.35 220.06 230.01	225.22 215.88 232.31	237.66 222.48 233.17	239, 32 212, 63 226, 39	232.28 210.15 235.54	239.83 209.82 238.79	
		-	*	OUTPUT LESS EXPORTS AND			
1937 1938 1939	180.22 190.46 * 201.02	180.02 192.28 199.31	191.69 196.71 201.83	198.08 194:12 204.59	195.08 193.33 208 47	200.48 197.01 212.63	

<sup>1/</sup> Production plus provincial imports less provincial exports
3/ New Brunswick only.

Revised.

(Inousaids of Allowatt nours)										
Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia					
	DA	AILY AVERAGE O	utputs 2/							
85,289 82,013 77,816	2,145 1,898 2,055	47 <sub>9</sub> 035 44,965 42,901	24,721 24,152 21,650	5,662 5,405 5,876	5,726 5,593 5,334					
1,605 1,534 1,372	71 <b>4</b> <b>64</b> 6 543	15 13 12		863 824 806	13 51 11					
86,894 83,547 79,188	2,859 2,544 2,598	47,050 44,978 42,913	24,721 24,152 21,650	6,525 6,229 6,682	5,739 5,644 5,345					
77,307 70,837	2,442 2,384	41,580 37,297 VERIES TO ELEC	21,943 20,281	5,938 5,558	5,404 5,317					
642,262 634,114 5 <b>9</b> 3,051	3/ 4,250 5,953 7,042	477,644 476,214 438,417	119,509 117,394 94,086	4/ 40,588 34,324 53,205	271 229 301					
6,029,607 5,199,457	45,4 <b>94</b> 73,877	4,364,400 3,873,169	1,194,391 866,954	422,436 382,012	2,886 3,445					
(AVERAGE, 19	926 = 100)									
T 3	4 1	C . 1 1	Ostsbar	Nassambass	December					

July	August	September	October	November	December
OUTPUT					
233.67 212.28 235.56	231.12 218.31 241.14	227。81 224。10 246。03	22 <b>4</b> 。27 221。27 245。59	230°21 226°49 248°53	231. <b>83</b> 221. <b>9</b> 5
DELIVERIES T	O FLECTRIC BOI	LERS			
202.60 196.70 212.90	203.38 200.06 216.25	204.53 199.84 216.84 *	197.80 194.89 215.50	196.34 194.51 217.60	192,73 193,98

2/ No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 4/ Manitoba only.

Moreth.	1935	1.936	1937	1938	1939
January,	2,012,742	2,091,497	2,317,906	2,283,691	2,386,97 <b>9</b>
February	1,803,337	1,938,978	2,146,578	2,057,598	2,214,174
March	1,943,555	2,135,640	2,412,259	2,258,197	2,366,740
April	1,881,029	2,1.64.628	2,322,884	2.063.801	2,197,379
May	1,923,071	2,083,363	2,301,167	2,081,935	2,333,443
June	1,816,250	2,028,980	2, 255, 338	1,973,155	2, 245, 537
July	1,791,544	2,021,147	2,188,055	1,987,774	2,205,844
August		2,020,416		2,075,901	
	1,851,153 1,919,213		2,197,725	2,168,435	2,293,032
September October		2,041,423	2,204,291	· ·	2,380,651
	2,162,569 2,143,314	2,280,508	2,365,052	2, 333, 461	2,589,956
November		2,261.979	2,414,676	2,375,661	2,606,821
Sub Total December	21.247.887	23 068 559	25 (25, 93) 2, 45'' 996	23 659 609	25,820,556
	2.156 525	2,325,733		2. 353 196	
TOTAL	23,404,412	25,394,292	27,583,927	26.012,805	
		EXPORTS TO TH	E UNITED STATE	S	
January	113,878	118,050	134.931	157,532	166,915
February	109, 524	110,684	138.041	123,094	153,491
March	103,95?	125,921	172.695	144,091	165,422
April	97,475	125,496	164,250	135,616	141,523
May	94,256	130,530	161,033	155, 292	164,520
June	107,994	157,871	158,65?	158,313	163,063
July	93,348	157,543	164,057	159,349	162,973
August	130,305	143,342	162,617	149,493	177,834
September	142,177	125,127	143,441	151,691	159,713
October	146,530	129,323	142,736	165, 455	151,794
November	112,305	126,152	145,549	165, 299	155,246
Sub Total	1,251,749	J. 450.039	1,688,.007	1.665.225	
December	112,838	1.28,070	159.093	161,290	1.762,494
TOTAL	1 364, 587	1.578.109	1.841,400	1.826.515	
30114		The second secon		ECTRIC BOILERS	
т	,				
January	1,344,646	1,413,216	1,474,787	1,558,575	1,644,983
February	1,193,820	1,298,872	1,344,387	1,435,998	1,488,480
March	1,321,545	1,387,512	1,532,912	1,573,090	1,613,989
April	1,267,776	1,353,605	1, 510, 508	1,480,284	1,560,142
May	1,304,893	1,371,404	1,519,545	1,505,826	1,623,856
June	1,245,659	1,353,080	1,496,283	1,470,027	1,586,964
July	1,270,867	1, 359, 445	1,510,365	1,466,399	1,587,154
August	1,306,710	1,386,797	1,543,699	1,518,479	1,641,340
September	1,317,312	1.417.821	1,573,502	1,537,426	1,668,186
0 tober	1.415,896	1.53% 075	1,655 879	1.631.513	1,804,048
No rember	1.394 955	1 481 813	1,632.494	1.,617.,311.	1,809,312
	14.384.079	15356, 642	16, 794,361	16794,928	18,028,454
Sup Total					
Sup Total December	1,411,09	1.516.702	1,629,452	1,640,012	

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DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 12.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Se.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### DECEMBER, 1939

Central electric stations produced 2,534,759,000 kilowatt hours in December compared with 2,353,196,000 kilowatt hours in December 1938. Compared with November 1939 output there was a decrease of 67,690,000 kilowakt hours or 2.6 per cent and on an average daily basis a decrease of 5.7 per cent. The decrease in the total was all in the eastern provinces, the Maritime Provinces showing a decrease of 6,000,000 kilowatt hours and Quebec a decrease of 76,232,000 kilowatt hours or 5.4 per cent. Conservation of water because of light precipitation was the cause of reduced output at some of the large plants.

Exports to the United States were reduced to 150,131,000 kilowatt hours from 161,290,000 kilowatt hours in December 1938 and 155 246 000 kilowatt hours in November 1939. Deliveries of secondary power to electric boilers dropped to 566,655,000 kilowatt hours from 637,114,000 kilowatt hours in November,

Consumption of firm power reached a new high at 1,817,974,000 kilowatt hours compared with the previous record of 1,810,089,000 for November but after adjusting for the different number of days and other seasonal factors the index number dropped from 217.70 for November to 215.02.

For the year the total output was 28,350,943,000 kilowatt hours. This was a new high and was an increase of 9,0 per cent over the 1938 output of 26,012,805,000 kilowatt hours and of 2.8 per cent over the 1937 output of 27,583,927,000 kilowatt hours

Exports to the United States in 1939 amounted to 1,912,625,000 kilowatt hours including exports of 487,928,000 of secondary power compared with a total of 1,826,515,000 kilowatt hours in 1938 including exports of 453,233,000 kilowatt hours of secondary power.

Deliveries of secondary power to electric boilers amounted to 6,591,114,000 kilowatt hours or 23 per cent of the total output. This was an increase of 14.6 per cent over the 1938 deliveries but 10.2 per cent below the 1937 deliveries. Consump. tion of firm power during the year, computed by deducting exports and deliveries of secondary power to electric boilers from total output for the year, amounted to 19,847,205,000 kilowatt hours. This also was a new high record exceeding the previous peak of 18,434,940,000 kilowatt hours for 1938 by 7.7 per cent.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTHLY OUTPUTS				
Generated by Water	Power					
December, 1939 November, 1939 December, 1938	2,484,951 x2,554,304 2,310,606	57,973 64,352 59,729	1,334,773 1,411,050 1,236,855	737,994 x737,240 662,340	176,496 169,871 184,158	177,715 171,791 167,524
Generated by Fuel						
December, 1939 November, 1939 December, 1938	49,808 48,145 42,590	21,792 21,413 <b>1</b> 6,275	483 438 397	000	26,862 25,891 •25,187	671 403 731
Total Output						
December, 1939 November, 1939 December, 1938	2,534,759 x2,602,449 2,353,196	79,765 85,765 76,004	1,335,256 1,411,488 1,237,252	737,994 x737,240 662,340	203,358 195,762 209,345	178,386 172,194 168,255
Total to Date			-			
1939 1938	28,350,943		15,222,895 13,694,502	8,062,653 7,436,153	2,186,657 2,065,732	1,983,399 1,944,022
		PROVINCIA	L CONSUMPTIO	NS 1/		
December, 1939 November, 1939 December, 1938	2,384,629 x2,447,203 2,191,906		1,015,906 1,080,966 951,606	909,298 x913,912 788,356	205,118 197,360 210,893	176,522 170,499 166,571
Total to Date  1939 1938	26,438,320 24,186,290	1	11,671,951 10,715,286	9,720,436 8,606,627	2,205,332 2,083,291	1,963,339 1,925,115

#### INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1937 1938 1939	223.35 220.06 230.01	225.22 215.88 232.31	237.66 222.48 233.17	239.32 212.63 2 <b>26</b> .39	232.28 210.15 235.54	239.83 209.82 238.79
	·			<u>00</u>	JTPUT LESS E	XPORTS AND
1937 1938 1939	180.22 190.46 201.02	180.02 192.28 199.31	191.69 196.71 201.83	198.08 194.12 204.59	195.08 193.33 208.47	200.48 197.01 212.63

<sup>1/</sup> Production plus provincial imports less provincial exports. 3/ New Brunswick only.

x Revised.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DA	ILY AVERAGE OUT	PUTS 2/		
	80,159 x85,143	1,870 2,145	43,057 47,035	23,806 x24,575	5,693 5,662	5,733 5,726
	74,536	1,927	39,898	21,366	5,941	5,404
	,					
	1,607 1,605	703 <b>7</b> 14	16 15	) ? 3  ? 0 0	867 863	21
į	1,374	525	<b>1</b> 3	000	812	24
	81,766	2,573	43,073	23,806	6,560	5,754
	x86,748 75,910	2,859 2,452	47,050 39, <b>91</b> 1	x24,575 21,366	6,525 6,753	5,739 5,428
	77,674	2,453	41,707	22,089	5,991	5,434
	71,268	2,390 DELIVE	37,519 RIES TO ELECTRI	20,373 C BOILERS	5,660	5,326
	700 OFF	3/			4/	20.0
	566,655 x637,114	3,673 4,250	410,190 x477,645	107,168 x114,360	45;398 40,588	226 271
	551,893	6,531	385,765	102,494	56,812	291
	6 503 334	AO 7 0 PF	A PROPER A SECOND	7 000 100	407	
	6,591,114 5,751,350	49,167 80,408	4,774,593 4,258,934	1,296,408 969,448	467,834 438,824	3,112 3,736

#### (AVERAGE, 1926 - 100)

July	August	September	October	November	December
OUTPUT					
233.67 212.28 235.56	231.12 218.31 241.14	227.81 224.10 246.03	224,27 221,27 245,59	230.21 226.49 x248.11	231.83 221.95 239.07
DELIVERIES 1	TO ELECTRIC BO	ILERS			
202.60 196.70 212.90	203.38 <u>200.06</u> 216.25	204.53 199.84 216.84	19 <b>7</b> .80 194.89 215.50	196.34 194.51 x217.70	192.73 193.98 215.02

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, 4/ Manitoba only.

Month	1.935	1.936	1.937	1938	1939		
January February March April May June July August September October November December	2,012,742 1,803,337 1,943,555 1,881,029 1,923,071 1,816,250 1,791,544 1,851,153 1,919,213 2,162,569 2,143,314 2,156,525	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,651 2,589,956 x2,602,449 2,534,759		
TOTAL	23, 404, 412	25, 494, 292	27,583 927	26,012,805	28,350,943		
EXPORTS TO THE UNITED STATES							
January February March April May June July August September October November December	113,878 109,524 103,957 97,475 94,256 107,994 93,348 130,305 142,177 146,530 112,305 112,838	118,050 110,684 125,921 125,496 130,530 157,871 157,543 143,342 125,127 129,623 126,152	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,834 159,713 151,794 155,246		
TO'TAL,	J 364,587	1,578,109	1.,847,100	1,826,515	1,912,625		
. (	OUTPUT LESS EXI	PORTS AND DELIV	VERTES TO ELECT	RIC BOILERS			
January February March April May June July August September October November December	1,344,646 1,193,820 1,321,545 1,267,776 1,304,893 1,245,659 1,270,867 1,306,710 1,317,312 1,415,896 1,394,955 1,411,097	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1 481,813 1,516,702	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311 1,640,012	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,340 1,668,186 1,804,048 x1,810,089 1,817,974		
TOTAL	15,795,176	16,873,342	18,423,813	18,434,940	19,847,205		

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 1.

Dominion Statistician, R. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JANUARY, 1940

The output of central electric stations for January amounted to 2,526,143,000 kilowatt hours compared with 2,386,979,000 kilowatt hours in January 1939. The fifth Sunday last year undoubtedly was a factor in this comparison. The index number adjsted for seasonal variations rose from 239.21 for December to 243.42 but was below the September, October and November index numbers.

Exports to the United States dropped from 150,138,000 kilowatt hours in December and 166,915,000 kilowatt hours for January a year ago to 149,050,000 kilowatt hours.

Deliveries of secondary power to electric boilers declined to 523,936,000 kilowatt hours from 565,918,000 kilowatt hours for January 1939.

Consumption of firm power reached a new high point at 1,853,157,000 kilowatt hours and the adjusted index number also rose to a new high at 226.46 compared with the previous high of 217.70 made in November 1939. Firm power consumption for December was 1,809,175,000 kilowatt hours and in January 1939 was 1,644,983,000 kilowatt hours.

22/2/40

Price per year 50 cents.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		MONT	HLY OUTPUTS				
Commented by Wotors	Dawan						
Generated by Water	Power						
January, 1940	2,476,295	50,991 57,973	1,319,028	748,358 x739,477	186,783 176,496	171,135 177,715	
December, 1939 January, 1939	x2,486,434 2,346,316	58,632	1,334,773 1,273,215	659,063	186,220	169,186	
Generated by Fuel							
January, 1940 December, 1939	49,848	22,105	415	000	26,341 26,862	987 671	
January, 1939	40,663	15,811	371.	000	24,048	433	
Total Output							
January, 1940	2,526,143	73,096	1,319,443	748,358	213,124	172,122	
December, 1939 January, 1939	x2,536,242 2,386,979	79,765 74,443	1,335,256 1,273,586	x739,477 659,063	203,358	178,386 169,619	
		1					
	1	PROVINCIAL	CONSUMPTION	NS 1/			
January, 1940	2,377,093	71,272 77,785	999,940	920,777	214,974	170,130 176,522	
December, 1939 January, 1939	x2,386,112 2,220,065		1,015,906	x910,781 787,449	205,118	167,932	
		A ALEXANDER OF THE PROPERTY OF	L		TND	EX NUMBERS	
					1.2123	M HORDER	
	January	Fenidary	March	Apri1	May	June	-
						TOTAL	
1938	220.06	215.88	222.48	212.63	210.15	209.82	
1939 1940	230.01	232.31	233.17	226.39	235.54	238.79	
1240	んせむっせん			OU'.	PUT LESS E	XPORTS AND	
1938	190.46	192.28	196.71	194.12	193.33	197.01	1
1939	201.02	199.31	201.83	204.59	208.47	212.63	
1940	206.46						

<sup>1/</sup> Production plus provincial imports less provincial exports 3/ New Brunswick only.

x Revised.

Tot	al	Maritime Provinces	Quebec	Ontario	Prairie	British
		210/211000			Provinces	Columbia
		DA	ILY AVERAGE OU	TPUTS 2/		
			1			
x30	,880 ,207 ,687	1,645 1,870 1,891	42,549 43,057 41,071	24,141 x23,854 21,260	6,025 5,693 6,007	5,520 5,733 5,458
1.	,608 ,607 ,312	713 703 510	13 16 12	) \(\frac{1}{2}\) \(\frac{1}{2	850 8 <b>6</b> 7 77 <b>6</b>	<b>3</b> 2 21 14
x8J.	,488 ,814 ,999	2,358 2,573 2,401	42,562 43,073 41,083	24,141 x23,854 21,260	6,8 <b>7</b> 5 6,5 <b>6</b> 0 6,783	5,552 5,754 5,472
		DELIV	ERIES TO ELECT	RIC BOILERS		
<b>x56</b> 5	936 918 ,082	375 3,673 6,785	359,063 410,190 404,302	111,478 x106,431 102,155	4/ 52,784 45,398 61,556	236 226 28 <b>4</b>
(AVE	RAGE, 1	926 = 100)				
Ja	uly	August	September	October	November	December
OUTPU						
212	2.28 5.56	218.31 241.14	224.10 246.03	221.27 245.59	226,49 248,11	221.95 x239.21
DELIT	VERIES	TO ELECTRIC I	BOILERS			
	3.70 2.90	200.06 216.25	199.84 216.84	194.89 215.50	194. <b>5</b> 1 217.70	193.98 x215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc 4/ Manitoba only.

Month	1936	1937	1938	1939	1940
January February March April May June July August September October Nowember Desember	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,738	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 x2,380,652 2,589,956 x2,601,535 x2,536,242	2,526,143
TOTAL	25.394 292	27 583 927	26,012,805	x28,351,514	
	EX	PORTS TO THE	UNITED STATES		
January February March April May June July August September October November December	118,050 110,684 125,921 125,496 130,530 157,871 157,543 143,342 125,127 129,323 126,152 128,070	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,834 159,713 151,794 x155,247 x150,138	149,050
TOTAL	1 578,109	] 847,100	1,826,515	x1.912,633	
	OUTPUT LESS EX	PORTS AND DELI	VERIES TO ELEC	TRIC BOILERS	
January February March April May June July August September October November December	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,518,479 1,537,426 1,631,513 1,617,311 1,640,012	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,340 1,668,186 1,804,048 x1,809,175 x1,820,186	1,853,157
TOTAL,	16,873,342	18,423,813	18,434,940	x19,848,503	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 2.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### FEBRUARY, 1940

Central electric stations produced 2,367,031,000 kilowatt hours in February as against 2,214,174,000 kilowatt hours a year ago and 2,526,143,000 kilowatt hours in January. Although the daily average output was 81,621,000 kilowatt hours in February and 81,488,000 kilowatt hours in January, the index number adjusted for seasonal variations and the extra day in February this year dropped from 243.42 for January to 239.79.

Exports to the United States decreased from 149,050,000 kilowatt hours in January to 139,908,000 kilowatt hours and deliveries of secondary power to electric boilers dropped from 523,936,000 kilowatt hours to 499,681,000 kilowatt hours.

The consumption of firm power declined from 1,853,157,000 kilowatt hours in January to 1,727,442,000, although on a daily basis there was very little difference. The index number, however, adjusted for seasonal variations dropped from 226.46 for January, the highest reached to date, to 223.33.

23/3/40.

Price per year 50 cents.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
	10 tal		LY OUTPUTS	Onoario	TTOVERGES	OctumoLa	
		MONTH	l Outrois				
Generated by Water	Power						
February, 1940 January, 1940 February, 1939	2,322,074 2,476,295 2,174,972	36,967 50,991 44,420	1,271,131 1,319,028 1,194,388	678,439 748,358 620,575	176,351 186,783 170,641	159,186 171,187 144,948	
Generated by Fuel							
February, 1940 January, 1940 February, 1939	44,957 49,848 39,202	20,507 22,105 15,916	386 415 328	9 9 Q Q D Q 0 Q Q	23,108 26,341 21,768	956 987 1,190	
Total Output							
February, 1940 January, 1940 February, 1939	2,367,031 2,526,143 2,214,174	57,474 73,096 60,336	1,271,517 1,319,443 1,194,716	678,439 748,358 620,575	199,459 213,124 192,409	160,142 172,122 146,138	
1940 1939	4,893,174 4,601,153	130,570 134,779	2,590,960 2,468,302	1,426,797 1,279,638	412,583 402,677	332,264 315,757	
	PF	ROVINCIAL	CONSUMPTION	<u>s</u> 1/			
February, 1940 January, 1940 February, 1939	2,227,123 2,377,093 2,060,683	55,687 <b>71,</b> 272 58,996	974,506 999,940 918,624	837,451 920,777 744,634	201,487 214,974 193,799	157,992 170,130 144,630	
Total to Date 1940 1939	4,604,216 4,280,748	126,959 131,910	1,974,446 1,898,572	1,758,228 1,532,083	416,461 405,621	328,122 312,562	

#### INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17	212.63 226.39	210.15 235.54	209.82 238.79
1938 1939	190.46	192.28	196.71	194. <b>1</b> 2	193-33	197.01
1940	201.02	199.31 _223.33	201.83	204.59	208.47	212.63

Production plus provincial imports less provincial exports.
New Brunswick only.

		(The	ousands of Kilo	owatt Hours)		
	Total	Maritime Provinces	Queb <b>ec</b>	Ontario	Prairie Provinces	British Columbia
		DA	LILY AVERAGE OF	UTPUTS 2/		
				1		
	80,071 79,880 77,677	1,275 1,645 1,586	43,832 42,549 42,657	23,394 24,141 22,163	6,081 6,025 6,094	5,489 5,520 5,177
	1,550 1,608 1,400	707 713 569	13 13 12	0 0 <b>0</b>	797 850 777	33 32 42
	81,621 81,488 79,077	1,982 2,358 2,155	43,845 42,562 42,669	23,394 24,141 22,163	6,878 6,875 6,871	5,522 5,552 5,219
	81,553 77,986	2,176 2,284	43,183 41,836	23,780 21,689	6,876 6,825	5,538 5,352
			IES TO ELECTRI	C BOILERS		
	499,681 523,936 572,203	3/ 375 	363,005 359,063 395,943	84,524 111,478 119,124	4/ 51,894 52,784 56,909	258 236 227
	1,023,617 1,147,285	375 6,785	722,068 800,245	196,002 221,279	104,678 118,465	494 511
	(AVERAGE, 1	926 = 100)				
	July	August	September	October	No vember	December
1	OUTPUT					
1	212 20	010 71	004.70	007.07	000.40	007 05

July	August	September	October	No vember	December
OUTPUT					
212.28 235.56	218.31 241.14	224.10 246.03	221.27 245.59	226.49 248.11	221.95
DELIVERIES	TO ELECTRIC BO	ILERS			
196.70 212.90	200.06 216.25	199.84 216.84	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 4/ Manitoba only

Month	1936	1937	1938	1939	1940
January February	2,091,497 1,938,978	2,317,906 2,146,578	2,283,691 2,057,598	2,386,979 2,214,174	2,526,143 2,367,031
Sub Total	4,030,475	4,464,484	4,341,289	4,601,153	4,893,174
March April May June July August September October November December	2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979 2,325,733	2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,535 2,536,242	1,000,11
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
	EX	PORTS TO THE U	NITED STATES		
January February	118,050 110,684	134,931 138,041	157,532 123,094	166,915 153,491	149,050 139,908
Sub-Total	228,734	272,972	280,626	320,406	288,958
March April May June July August September October November December	125,921 125,496 130,530 157,871 157,543 143,342 125,127 129,323 126,152 128,070	172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	165,422 141,523 164,520 163,063 162,973 177,834 159,713 151,794 155,247 150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	
JO.	JTPUT LESS EXP	ORTS AND DELIV	ERIES TO ELECT	RIC BOILERS	
January February Sub-Total March April May June July August September October November December	1,413,216 1,298,872 2,712,088 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,474,787 1,344,387 2,819,174 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452 18,425,813	1,558,575 1,435,998 2,994,573 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311 1,640,012 18,434,940	1,644,983 1,488,480 3,133,463 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,340 1,668,186 1,804,048 1,809,175 1,820,186	1,853,157 1,727,442 3,580,599

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 3.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MARCH, 1940.

Central electric stations produced 2,426,157,000 kilowatt hours during March compared with 2,366,740,000 kilowatt hours in March, 1939. Compared with February's output of 2,367,031,000 kilowatt hours this was an increase of 2.5 per cent but on a daily basis it was a decrease of 4.1 per cent and after adjustment for usual seasonal variations the index dropped from 239.72 for February to 239.02. This drop, however, was all in secondary power for electric boilers which declined from 499,681,000 kilowatt hours in February and 587,329,000 kilowatt hours in March last year to 435,316,000 kilowatt hours.

Exports to the United States increased to 155,402,000 kilowatt hours from 139,908,000 kilowatt hours for February, an increase on a daily basis of 3.9 per cent.

Production of firm power for use in Canada (total output less exports and deliveries to electric boilers) increased to 1,835,439,000 kilowatt hours from 1,727,442,000 kilowatt hours in February and the index number rose to a new high at 229.52. The previous peak was 226.46 for January.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		MONTHLY OUTPUTS					
Generated by Water	Power						
March, 1940 February, 1940 March, 1939	2,382,682 2,322,074 2,329,542	42,451 36,967 50,735	1,283,967 1,271,131 1,282,071	707,574 678,439 667,495	177,704 176,351 179,997	170,986 159,186 149,244	
Generated by Fuel							
March, 1940 February, 1940 March, 1939	43,475 44,957 37,198	19,709 20,507 14,342	394 386 376	* * * * * * * * * * * * * * * * * * *	22,867 23,108 21,805	505 956 675	
Total Output							
March, 1940 February, 1940 March, 1939	2,426,157 2,367,031 2,366,740	62,160 57,474 65,077	1,284,361 1,271,517 1,282,447	707,574 678,439 667,495	200,571 199,459 201,802	171,491 160,142 149,919	
Total to Date 1940 1939	7,319,331 6,967,893	192,730 199,856	3,875,321 3,750,749	2,134,371 1,947,133	613,154 604,479	503,755 465,676	
	P	ROVINCIAL C	ONSUMPTIONS	1/			
March, 1940 February, 1940 March, 1939	2,270,755 2,227,123 2,201,318	60,474 55,687 63,160	967,193 x 974,504 977,400	871,150 x 837,453 809,154	202,527 201,487 203,305	169,411 157,992 148,299	4
Total to Date 1940 1939	6,874,971 6,482,066	187,433 195,070	2,941,637 2,875, <b>97</b> 2	2,629,380 2,341,237	618,988 608,926	497,533 460,861	

#### INDEX NUMBERS

	January	February	March	April	May	June	
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39	210.15 235.54	TOTAL 209.82 238.79	
				OUTPUT LESS EXPORTS AND			
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 223.33	196.71 201.83 229,52	194.12 204.59	193.33 208.47	197.01 212.63	

 $<sup>\</sup>frac{1}{3}$  Production plus provincial imports less provincial exports New Brunswick only.

Revised.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAI	ILY AVERAGE OU	TPUTS 2/		
,						
	76,860	1,369	41,418	22,825	5,732	5,516
	80,071	1,275	43,832	23,394	6,081	5,489
	75,146	1,637	41,357	21,532	5,806	4,814
	1,403	636	13	0 0 0	738	16
	1,550	707	13	0 0	79 <b>7</b>	. 33
	1,200	463	12	0 0	703	22
	78,263	2,005	41,431	22,825	6,470	5,532
	81,621	1,982	43,845	23,394	6,878	5,522
	76,346	2,100	41,369	21,532	6,509	4,836
	80,432	2,118	42,586	23,454	6,738	5,536
	77,421	2,221	41,675	21,635	6,716	5,174
		DELIV 3/	ERIES TO ELEC	TRIC BOILERS	4/	
	435,316	0 7 8	309,838	74,894	50,332	252
	499,681	0 7 8	363,005	84,524	51,894	258
	587,329	0 8 9	401,031	128,722	57,315	261
	1,458,933	375	1,031,906	270,896	155,010	746
	1,734,614	6,785	1,201,276	350,001	175,780	<b>7</b> 72

(AVERAGE, 1926 - 100)

July	August	September	October	November	December
OUTPUT					
212.28 235.56	218.31 241.14	224.10 246.03	221.27 245.59	226.49 248.11	221.95 239.21
DELIVERIES	TO ELECTRIC BOI	LERS			
196.70 212.90	200.06 216.25	199.84 216.84	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 4/ Manitoba only.

Month	1936	1937	1938	1939	1940
		0 777 000	0 007 003	0 700 070	0.500.342
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
Sub-Total	6,166,115	6,876,743	6,599,486	6,967,893	7,319,331
April	2,164,628	2,322,884	2,063,801	2,197,379	
May	2,083,363	2,301,167	2,081,935	2,333,443	
June	2,028,980	2, 255, 338	1,973,155	2,245,537	
July	2,021,147	2,188,055	1,987,774	2,205,844	
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2, 333, 461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25, 394, 292	27,583,927	26,012,805	28, 351, 514	
eneglistichttill das Belleicher größenten. CEN 1949-193 mille 3 mer provinsen. Brook	EX	PORTS TO THE U	NITED STATES		
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
		Charles Assessed where he desired charles the second charles and the second charles are second charles and the second charles are second charles and the second charles are second charl	424,717		444, 360
Sub Total	354,655	445,667		485,828	444,000
April	125,496	164,250	135,616	141,523	
May	130,530	161,033	155,292	164,520	
June	157,871	158,657	158,313	163,063	
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	1.49,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	1.99,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	
01	UTPUT LESS EXP	ORTS AND DELIV	ERIES TO ELECT	RIC BOILERS	
January	1,413,216	1.474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
Sub-Total	4,099,600	4,352,086	4,597,663	4,747,452	5,416,038
April	1,353,605	1,510,508	1,480,284	1,560,142	
May	1,371,404	1,519,545	1,505,826	1,623,856	
June	1,353,080	1,496,283	1,470,027	1,586,964	
July	1,359,445	1,510,365	1,466,399	1,587,154	
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	
101.111	1000,1000	1092609010	100 4040 4040	10,010,000	

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

-- 701

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# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 4.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1940.

The production of electric energy for firm purposes in Canada reached a new high level in April, the index rising to 240.58 as against the previous peak of 229.52 for March. This firm power is computed by deducting the exports to the United States and deliveries of secondary power to electric boilers from the total output. The total output amounted to 2,398,722,000 kilowatt hours as against 2,197,379,000 kilowatt hours in April 1939 and 2,426,157,000 kilowatt hours in March this year. On a daily basis the output was 79,957,000 kilowatt hours in April and 78,263,000 kilowatt hours in March, and the index was 243.15 compared with 239.02 for March and the peak of 248.11 for November last.

Exports to the United States rose to 170,600,000 kilowatt hours from 155,402,000 kilowatt hours in March and 141,523,000 kilowatt hours in April 1939.

Deliveries of secondary power to electric boilers dropped to 393,548,000 kilowatt hours from 435,316,000 kilowatt hours in March and 495,714,000 kilowatt hours a year ago.

Consumption of firm power was 1,834,573,000 kilowatt hours as against 1,560,142,000 in April 1939. There were five Sundays and five Saturdays, light consumption days, in both April 1939 and March 1940 which would affect the above comparisons with April 1940 which contained four Sundays and four Saturdays.

23/5/40.

Price per year 50 cents.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		MONTH	LY OUTPUTS				
Generated by Water	Power						
April, 1940 March, 1940 April, 1939	2,359,999 2,382,682 2,163,890	61,023 42,451 51,310	1,241,559 1,283,967 1,169,572	723,794 707,574 621,854	165,194 177,704 161,439	168,429 170,986 159,715	
Generated by Fuel							
April, 1940 March, 1940 April, 1939	38,723 43,475 33,489	16,215 19,709 13,365	382 394 338	0 0 0 0 0 0	21,653 22,867 19,442	473 505 344	
Total Output							
April, 1940 March, 1940 April, 1939	2,389,722 2,426,157 2,197,379	77,238 62,160 64,675	1,241,941 1,284,361 1,169,910	723,794 707,574 621,854	186,847 200,571 180,881	168,902 171,491 160,059	
Total to Date 1940 1939	<b>9,718,053</b> 9,165,272	269,968 264,531	5,117,262 4,920,659	2,858,165 2,568,987	800,001 785,360	672,657 625,735	
	]	PROVINCIAL	CONSUMPTIO	NS <u>1</u> /			
April, 1940 March, 1940 April, 1939	2,228,121 2,270,755 2,055,856	75,779 60,474 63,360	912,654 967,193 888,629	884,048 871,150 763,030	188,490 202,527 182,249	167,150 169,411 158,588	
Total to Date 1940 1939	9,103,093 8,537,922	263,213	3,854,291 3,764,601	3,513,428 3,104,267	807,478 791,175	664,683 619,449	

#### INDEX NUMBERS

	January	February	March	April	May	June	
						TOTAL	
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39 243.15	210.15 235.54	209.82 238.79	
				OUT	PUT LESS EX	PORTS AND	
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 225.33	196-71 201-83 229-52	194.12 204.59 240.58	193.33 208.47	197.01 212.63	

<sup>1/</sup> Production plus provincial imports less provincial exports.
3/ New Brunswick only.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERAGE	OUTPUTS 2/		
	,				
78,666 78,860 72,130	2,034 1,369 1,710	41,385 41,418 38,986	24,127 22,825 20,728	5, <b>5</b> 06 5,7 <b>3</b> 2 5,382	5,614 5,516 5,324
1,291 1,403 1,116	540 636 446	13 13 11	000	722 738 648	16 16 11
79,957 78,263 73,246	2,574 2,005 2,156	41,398 41,431 38,997	24,127 22,825 20,728	6,228 6,470 6,030	5,630 5,532 5,335
80,314 76,377	2,231 2,204	42,291 41,006	23,621 21,408	6,612 6,545	5,559 5,214
	JEL1	IVERIES TO ELECT	RIC BOILERS	A /	
393,548 435,316 495,714	2,536	261,057 309,838 336,747	87,779 74,894 111,306	4/ 41,908 50,332 46,329	268 252 232
1,852,481 2,230,328	2,911 7,885	1,292,963 1,538,023	358,675 461,307	196,918	1,014 1,004

#### (AVERAGE, 1926 = 100)

 			,		15.
 July	August	September	October	November	December
OUTPUT					
212.28 235.56	218.31 241.14	224.10 246.03	221.27 245.59	226.49 248.11	221.95 239.21
 DELIVERIES '	TO ELECTRIC B	OILERS			
196.70 212.90	200.06 216.25	199.94 216.84	194.89 215.50	194.51 217.70	193.98 215 <b>.29</b>

 $<sup>\</sup>frac{2}{No}$  No allowance is made for the effect of holidays, Sundays or Saturdays, etc.  $\frac{4}{No}$  Manitoba only.

Month	1.936	1937	1,938	1939	1940
January February March April Sub-Total May June July August September October November	2,091,497 1,938,978 2,135,640 2,164,628 8,330,743 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508 2,261,979	2,317,906 2,146,578 2,412,259 2,322,884 9,199,627 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676	2,283,691 2,057,598 2,258,197 2,063,801 8,663,287 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661	2,386,979 2,214,174 2,366,740 2,197,379 9,165,272 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,535	2,526,143 2,367,031 2,426,157 2,398,722 9,718,053
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
- Annual Control of the Control of t	E	CPORTS TO THE C	UNITED STATES		
January February March April	118,050 110,684 125,921 125,496	134,931 138,041 172,695 164,250	157,532 123,094 144,091 135,616	166,915 153,491 165,422 141,523	149,050 139,908 155,402 170,600
Sub-Total	480, 151	609,917	560,333	627,351	614,960
May June July August September October November December	130,530 157,871 157,543 143,342 125,127 129,323 126,152 128,070	161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	164,520 163,063 162,973 177,834 159,713 151,794 155,247 150,138	
TOTAL.	1,578,109	1,847,100	1.2826,514	1,912,633	
JO	JTPUT LESS EXPO	ORTS AND DELIVE	RIES TO ELECT	RIC BOILFRS	
January February March April	1,413,216 1,298,872 1,387,512 1,353,605	1,474,787 1,344,387 1,532,912 1,510,508	1,558,575 1,435,998 1,573,090 1,480,284	1,644,983 1,488,480 1,613,989 1,560,142	1,853,157 1,727,442 1,835,439 1,834,573
Sub-Total	5,453,205	5,862,594	6,074,947	6,307,594	7,250,611
May June July August September October November December	1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813 1,516,702	1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311 1,640,012	1,623,856 1,586,964 1,587,154 1,641,340 1,668,186 1,804,048 1,809,175 1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

DEPT. IF THE SECRET OUT

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# DOMINION BUREAU OF STATISTICS, TRANSPORTATION AND PUBLIC UTILITIES BRANCH O T T A W A

No. 5.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### MAY, 1940.

Central electric stations produced 2,671,567,000 kilowatt hours in May, the greatest output of any month to date, although on a daily basis of 86,180,000 kilowatt hours the average was second to November 1939 average of 86,718,000 kilowatt hours. The index number, adjusted for the unequal number of days in the month and other seasonal factors was 269.67, exceeding the previous peak of 248.11 for last November by over 21 points.

Exports to the United States amounted to 193,353,000 kilowatt hours as against 170,600,000 kilowatt hours for April and 164,520,000 kilowatt hours for May last year. This was also a new high record.

Deliveries of secondary power to electric boilers increased from 393,548,000 kilowatt hours for April to 536,585,000 kilowatt hours, but were below the deliveries of 545,067,000 kilowatt hours for May last year.

The consumption of firm power reached a new high record of 1,941,629,000 kilowatt hours and the index number rose to 249.27 as against the previous peak of 240.58 for April. On a daily basis this was also a new high record.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
		MON	THLY OUTPUT	S			
Total Output							
May, 1940 April, 1940 May, 1939	2,671,567 2,398,722 2,333,443	80,312 77,238 74,253	1,444,690 1,241,941 1,261,190	786,756 723,794 657,326	185,150 186,847 176,098	174,659 168,902 164,576	
Generated by V	Nater Power						
May, 1940 April, 1940 May, 1939	2,631,766 2,359,999 2,298,531	63,925 61,023 60,186	1,444,311 1,241,559 1,260,850	786,756 723,794 657,326	163,414 165,19 <b>4</b> 155,941	173,360 168,429 164,228	
Generated by I	Tuel						
May, 1940 April, 1940 May, 1939	39,801 38,723 34,912	16,387 16,215 14,067	379 382 340	* 000 000	21,736 21,653 20,157	1,299 473 348	
Total to Date 1940 1939	12,389,620 11,498,715	350,280 338,784	6,561,952 6,181,849	3,644,921 3,226,313	985,151 961,458	847,316 790,311	
		PROVINCIAL	L CONSUMPTI	ONS 1/			
May, 1940 April, 1940 May, 1939	2,478,214 2,228,121 2,168,922	78,852 75,779 <b>72,</b> 782	1,092,838 912,654 961,173	946,831 884,048 794,400	186,956 188,490 177,551	172,737 167,150 163,016	
Total to Date 1940 1939	11,581,307 10,706,845	342,065 331,212	4,947,129 4,725,774	4,460,259 3,898,667	994,434 968,726	837,420 782,466	

#### INDEX NUMBERS

	January	February	March	April	May	June	
						TOTAL	
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39 x247.14	210.15 235.54 269.67	209.82	
				QU	PUT LESS EX	PORTS AND	
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 223.33	196.71 201.83 229.52	194.12 204.59 240.58	193.33 208.47 249.27	197.01 212.63	

<sup>1/</sup> Production plus provincial imports less provincial exports.

<sup>3/</sup> New Brunswick only.

x Revised

	Total	Maritime Provinces	Quebec	0-1	Prairie	British
		1101111005	Quebec	Ontario	Provinces	Columbia
		DA	ILY AVERAGE OU	TPUTS 2/		
			1.			
	86,180 79,957 75,272	2,591 2,574 2,395	46,603 41,398 40,684	25,379 24,127 21,203	5,973 6,228 5,680	5,634 5,630 5,309
	84,896 78,666 74,146	2,062 2,034 1,941	46,591 41,385 40,673	25,379 24,127 21,204	5,272 5,506 5,030	5,592 5,614 5,298
	1,284 1,291 1,126	529 540 454	12 13 11	• • •	701 722 650	42 <b>16</b> 11
	81,510 76,150	2,304 2,244	43,171 40,939	23,980 21,366	6,481 6,367	5,574 5,234
			ERIES TO ELECTE	RIC BOILERS		
,	536,585 393,548 545,067	3/ 895 2,536 1,722	398,126 261,057 395,175	104,261 87,779 109,586	4/ 33,024 41,908 38,298	279 268 286
	2,389,066 2,775,395	3,806 9,607	1,691,089 1,933,198	462,936 570,893	229,942 260,407	1,293 1,290

(AVERAGE, 1926 = 100)

ų.					
July	August	September	October	November	December
OUTPUT					
212.28 235.56	218.31 241.14	224.10 246.03	221.27 245.59	226.49 248.11	221.95 239.21
DELIVERIES :	TO ELECTRIC BO	ILERS			6.
196.70 212.90	200.06 216.25	199.84 216.84	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc. 4/ Manitoba only.

Month	1936	1937	1938	1939	1940		
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143		
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031		
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157		
April.	2,164,628	2,322,664	2.01-3,801	2,197,379	2,398,722		
May	2,093,363	2,301,16	2,081,835	2,333,443	2,671,567		
Sub-Total	10,411,106	111.500, 191	10,742,222	11,498,715	12,389,620		
June	2,008,980	2,255,33%	1,973,155	2,245,537			
July	2,021,147	2,188,055	1,987,774	2,205,844			
August	2,020,416	2,197,725	2,075,901	2,293,032			
September	2,041,423	2,204,291	2,168,435	2,380,652			
October	2,280,508	2,365,052	2,333,461	2,589,956			
November	2,261,979	2,414,676	2,375,661	2,601,535			
December	2 325, 33	2, 107, 506	2,353,196	2,536,242			
TOTAL	25,394,292	21,583,927	2=,012,805	28,351,514			
EXPORTS TO THE UNITED STATES							
7			2007 (1972) (197	1			
January	118,050	1.34,931	157,532	166,915	149,050		
February	110,684	1.38,041	123,094	153,491	139,908		
March	125,921	172,695	144,091	165,422	155,402		
April	125,496	164,250	135,616	141,523	170,600		
May	1.30,530	161,035	155,292	164,520	193,353		
Sub-Total	610,681	770,950	715,625	791,871	808,313		
June	157,871	1.58,657	158,313	163,063			
July	157,543	164,057	159,349	162,973			
August	143,342	162,617	149,493	177,834			
September	125,127	1.43, 441	151,691	159,713			
October	129,323	142,736	165,455	151,794			
November	126,152	145,549	165,299	155,247			
December	128,070	159,093	161,290	150,138			
TOTAL	1,578,304	1,847,100	1,826,515	1,912,633			
OI	TPUT LESS EXP	DEC AND DESTIN	THE PARTY OF THE P				
	TANK MENDED THAT	DELLO MAN DELLA	ERIES TO ELECTI	GO BOTLERS			
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157		
February	1,298,872	1,344,387	1,435,998	1,498,480			
March	1,387,512	1,532,912	1,573,090	1,613,989	1,727,442 1,835,439		
April	1,353,605	1,510,508	1,480,284	1,560,142			
May	1,371,404	1,519,545	1,505,826	1,623,856	1,834,573		
Sub Total	6,824,609	7,382,139	7,553,773	7,931,450	1,941,629		
June	1,353,080	1,496,283	1,470,027	1,586,964	y = 2 y = 2 y		
July	1,359,445	1,510,365	1,466,399	1,587,154			
August	1,386,797	1,543,699	1,518,479	1,641,340			
September	1,417,821	1,573,502	1,537,426	1,668,186			
October	1,533,675	1,655,879	1,631,513	1,804,048			
November	1,481,813	1,632,494	1,617,311	1,809,175			
December	1,516,702	1,629,452	1,640,012	1,820,186			
TOTAL J	16,873,342	18,423,813	18,434,940	19,848,503			
			7 4 2 2 2	- 0,010,000			

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
O T T A W A

No. 6.

Dominion Statistician, R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE, 1940

The output of central electric stations in June amounted to 2,578,883,000 kilowatt hours compared with 2,671,567,000 in May and 2,245,537,000 in June last year. The index number adjusted for the uneven number of days in the months and other seasonal factors rose to a new high at 274.24.

Exports to the United States amounted to 190,704,000 kilowatt hours or 6,356,800 kilowatt hours per day compared with an average of 6,237,000 kilowatt hours in May, and was the highest daily average exported to date.

Deliveries of secondary power to electric boilers amounted to 527,443,000 kilowatt hours compared with 536,585,000 in May, and 495,510,000 in June 1939.

Consumption of firm power (output less exports and secondary power delivered to electric boilers) was 1,860,736,000 kilowatt hours against the peak of 1,941,629,000 in May, but after adjustment for seasonal variations the index number rose to a new high point at 249.31.

	Total	Maritime Provinces	Quebec	On <b>tari</b> o	Prairie Provinces	British Columbia
		MONT	HLY OUTPUTS			
Total Output						
June, 1940 May, 1940 June, 1939	2,578,883 2,671,567 2,245,537	79,313 80,312 78,281	1,412,814 1,444,690 1,211,639	755,571 786,756 637,696	160,979 185,150 156,940	170,206 174,659 160,981
Generated By W	ater Power					
June, 1940 May, 1940 June, 1939	2,536,784 2,631,766 2,209,398	59,993 63,925 62,491	1,412,453 1,444,511 1,211,302	755,571 786,756 637,696	140,215 163,414 137,269	168,552 173,360 160,640
Generated by F	uel					
June, 1940 May, 1940 June, 1939	42,099 39,801 36,139	19,320 16,387 15,790	361 379 337	0:0 <b>0</b> 0 0 0	20,764 21,736 19,671	1,654 1,299 341
Total to Date 1940 1939	14,968,503 13,744,252	429,593 417,065	7,974,766 7,393,488	4,400,492 3,864,009	1,146,130 1,118,398	1,017,522 951,292
		PROVINCIAL CONSUMPTIONS 1/				
June, 1940 May, 1940 June, 1940	2,388,180 2,478,214 2,082,474	77,972 78,852 76,803	1,087,747 1,092,838 923,873	891,390 946,831 763,984	162,619 186,956 158,363	168,452 172,737 159,451
Total to Date	13,969,487 12,789,319	420,037 408,015	6,034,876 5,649,647	5,351,649 4,662,651	1,157,053 1,127,089	1,005,872 941,917

#### INDEX NUMBERS

	January	February	March	April	May	June	
						TOTAL	
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39 247.14	210.15 235.54 269.67	209.82 238.79 274.24	
				OU	TPUT LESS E	XPORTS AND	
1938 1939 1940	190。46 201。02 226。46	192°28 199°31 223°33	196.71 201.83 229.52	194.12 204.59 240.58	193.33 208.47 249.27	197.01 212.63 249.31	

Production plus provincial imports less provincial exports.

New Brunswick only.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
	]	DAILY AVERAGE O	utputs 2/		
85,963	2,644	47,094	25,186	5,366	5,673
86,180	2,591	46,603	25,379	5,973	5,634
74,851	2,609	40,388	21,257	5,231	5,366
84,560	2,000	47,082	25,186	4,674	5,618
84,896	2,062	46,591	25,379	5,272	5,592
73,647	2,083	40,377	21,257	4,575	5,355
1,403 1,284 1,204	<b>644</b> 529 526	12 12 11	° > ° ° ° °	692 701 656	55 42 11
167,473	4,948	90,265	49,166	11,847	11,247
75,935	2,304	40,848	21,348	6,179	5,256
	3/ DELIV	ERIES TO ELECT	RIC BOILERS	4/	
527,443	1,769	414,348	93,600	17,463	263
536,585	895	398,126	104,261	33,024	279
495,510	4,576	370,695	95,028	24,969	2 <b>4</b> 2
 916,509	5,575	2,105,437	55 <b>6</b> ,5 <b>36</b>	247,405	1,55 <b>6</b>
270,905	14,183.	2,303,893	665,921	285,376	1,532

(AVERAGE, 1926 = 100)

	July	August.	September	October	November	December
	OUTPUT					,
	212.28 235.56	218.31 241.14	224.10 246.03	221.27 245.59	226.49 248.11	221.95 239.21
	DELIVERIES 1	O ELECTRIC E	BOILERS			
1	196.70 212.90	200.06 216.25	199.84 216.84	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, 4/ Manitoba only. etc.

Wonth	1936	1937	1938	1939	1940
				0 000	
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
Varch	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
Apral	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
lif ay	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
Sub-Total	12,443,086	13,756,132	12,718,377	13,744,252	14,968,503
Tille	2,021,147	2,188,055	1,987,774	2,205,844	
hagust	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325, 33	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
The state of the s					
	E	XPORTS TO THE U	UNITED STATES		
January	118,050	1.34,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
Warch	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
Sub-Total	768,552	929,607	873,938	954,934	999,017
July	157,543	164,057	159,349	162,973	
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	142,736	165,455	151,794	
November	126,152	145,549	Commence of the commence of th		
December	128,070	159,093	165,299	155,247	
The second secon			161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	
C	OUTPUT LESS EX	PORTS AND DELI	VERIES TO ELECT	TRIC BOILERS	
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
9		1,532,912	1,573,090	1,613,989	1,835,439
March	1 100/ 2012			7000000	
March	1,387,512	9 9			7 834 573
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
April May	1,353,605	1,510,508 1,519,545	1,480,284 1,505,826	1,560,142 1,623,856	1,941,629
April Mey June	1,353,605 1,371,404 1,353,080	1,510,508 1,519,545 1,496,283	1,480,284 1,505,826 1,470,027	1,560,142 1,623,856 1,586,964	1,941,629 1,860,736
April May June Sub-Total	1,353,605 1,371,404 1,353,080 8,177,689	1,510,508 1,519,545 1,496,283 8,878,422	1,480,284 1,505,826 1,470,027 9,023,800	1,560,142 1,623,856 1,586,964 9,518,414	1,941,629
April Mey June Sub-Total July	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154	1,941,629 1,860,736
April Mey June Sub-Total July August	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365 1,543,699	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399 1,518,479	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154 1,641,340	1,941,629 1,860,736
April May June Sub-Total July August Saptember	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797 1,417,821	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365 1,543,699 1,573,502	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399 1,518,479 1,537,426	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154 1,641,340 1,668,186	1,941,629 1,860,736
April May June Sub-Total July August Saptember October	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797 1,417,821 1,533,075	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365 1,543,699 1,573,502 1,655,879	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399 1,518,479 1,537,426 1,631,513	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154 1,641,340	1,941,629 1,860,736
April May June Sub-Total July August Saptember October November	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797 1,417,821 1,533,075 1,481,813	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399 1,518,479 1,537,426	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154 1,641,340 1,668,186	1,941,629 1,860,736
April May June Sub-Total July August Saptember October	1,353,605 1,371,404 1,353,080 8,177,689 1,359,445 1,386,797 1,417,821 1,533,075	1,510,508 1,519,545 1,496,283 8,878,422 1,510,365 1,543,699 1,573,502 1,655,879	1,480,284 1,505,826 1,470,027 9,023,800 1,466,399 1,518,479 1,537,426 1,631,513	1,560,142 1,623,856 1,586,964 9,518,414 1,587,154 1,641,340 1,668,186 1,804,048	1,941,629 1,860,736

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
O T T A W A

No. 6

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch: G. S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JULY, 1940

The output of central electric stations in July amounted to 2,615,232,000 kilowatt hours compared with 2,578,883,000 in June and 2,205,844,000 in July last year. The index number adjusted for the uneven number of days in the months and other seasonal factors rose to a new high at 279.28.

Exports to the United States amounted to 203,058,000 kilowatt hours compared with 190,704,000 kilowatt hours in June and 162,973,000 kilowatt hours in July, 1939, and was the highest daily average exported to date.

Deliveries of secondary power to electric boilers amounted to 519,578,000 kilowatt hours compared with 527,443,000 in June, and 455,716,000 in July, 1939.

Consumption of firm power (output less exports and secondary power delivered to electric boilers) was 1,892,596,000 kilowatt hours against the peak of 1,941,629,000 in May, but after adjustment for seasonal variations the index number rose to a new high point at 253.88.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
Total Output		MONTHL	Y OUTPUTS			
July, 1940 June, 1940 July, 1939	2,615,232 2,578,883 2,205,844	82,102 79,313 76,934	1,449,409 1,412,814 1,187,733	749,18 <b>9</b> 755,5 <b>71</b> 625,857	158,151 160,979 149,778	177,381 170,206 165,542
Generated by We	ater Power					
July, 1940 June, 1940 July, 1939	2,570,178 2,536,784 2,167,919	62,201 59,993 60,591	1,449,025 1,412,453 1,187,368	748,189 755,571 625,857	136,312 140,215 129,381	174,451 168,552 164,722
Generated by Fi	nel		24			
July, 1940 June, 1940 July, 1939	45,054 42,099 37,925	19,901 19,320 16,343	384 361 365	о о о о о о о о о	21,83 <b>9</b> 20,764 20,397	2,930 1,654 820
Total to Date 1940 1939	17,583,735 15,950,096	511,695 493, <b>9</b> 99	9,424,175 8,581,221	5,148,681 4,489,866	1,304,281 1,268,176	1,194,903 1,116,834
	PI	ROVINCIAL (	CONSUMPTION	S 1/		
July, 1940 June, 1940 July, 1939	2,412,173 2,388,180 2,042,871	80,829 77,972 75,436	1,108,057 1,087,747 911,198	887,983 8 <b>91,3</b> 90 7 <b>41,0</b> 38	159,989 162,619 151,318	175,415 168,452 163,881
Total to Date 1940 1939	16,381,660 14,832,190	500,8 <b>6</b> 6 483,451	7,142,933 6,560,845	6, <b>239</b> ,5 <b>3</b> 2 5,403, <b>6</b> 89	1,317,042 1,278,407	1,181,287 1,105,798

#### INDEX NUMBERS

	January	February	March	April	May	June
						TOTAL
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39 247.14	210.15 23 <b>5</b> .54 26 <b>9</b> .67	209.82 238.79 274.24
·				OUTPUT LESS EXPORTS AND		
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 223.33	196. <b>71</b> 201.83 229.52	194.12 204.59 240.58	193.33 208.47 249.27	197.01 2 <b>12</b> .63 2 <b>4</b> 9.31

<sup>1/</sup> Production plus provincial imports less provincial exports.
3/ New Brunswick only.

Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		DAILY AVERA	GE OUTPUTS 2/		
84,362	2,648	46,755	<b>24,</b> 135	5,102	5,722
85,963	2,644	47,094	<b>25,</b> 186	5,366	5,673
71,156	2,481	38,314	20,189	4,8 <b>3</b> 2	5,340
82,908	2,006	46,743	24,135	4,397	5,627
84,560	2,000	47,082	25,186	4,674	5,618
69,933	1,954	38,302	20,189	4,174	5,314
1,454	642	12	0 0 0	705	95
1,403	644	12	0 0	692	55
1,223	527	12	0 6 0	658	26
251,835	7,596	137,020	73,301	16,949	16,969
75,236	2,330	40,477	21,179	5,982	5,268
	3/ DEL	IVERIES TO ELECT	4/		
519,578	3,439	420,253	83,486	12,134	266
527,443	1,769	414,348	93,600	17,463	263
455,716	4,130	343,120	88,148	20,043	275
3,436,087	9,014	2,525,690	640,022	259,539	1,822
3,726,621	18,313	2,647,013	754,069	305,419	1,807

#### (AVERAGE, 1926 = 100)

July	August	September	October	November	December.
OUTPUT 212.28 235.56 279.28	218.31 241.14	224.10 246.03	221.27 2 <b>4</b> 5.59	22 <b>6.49</b> 248 <b>.11</b>	221.95 239.21
DELIVERIES T	O ELECTRIC BO	ILERS			
196.70 212.90 253.88	200.06 216.25	199.84 216.84	194.89 215.50	194.51 217.70	1 <b>93.9</b> 8 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

Month	1936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
		2,322,884	2,063,801	2,197,379	2,398,722
April	2,164,628				
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
Sub-Total	14,464,233	15,944,187	14,706,151	15,950,096	17,583,735
August	2,020,416	2,197,725	2,075,901	2,293,032	
September	2,041,423	2,204,291	2,168,435	2,380,652	
October	2,280,508	2,365,052	2,353,461	2,589,956	
November	2,261,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
	EX	PORTS TO THE U	NITED STATES		
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
	130,530	161,033	155,292	164,520	193,353
May			}		
June	157,871	158,657	158,313	163,063	190,704
July Sub-Total	157,543 926,095	164,057	159,349	162,973	203,058
					1,202,075
August	143,342	162,617	149,493	177,834	
September	125,127	143,441	151,691	159,713	
October	129,323	1.42,736	165,455	151,794	
November	126,152	145,549	165,299	155,247	
December	128,070	159,093	161,290	150,138	
TOTAL	1,578,109	1,847,100	1,826,515	1,912,633	
	OUTPUT LESS	EXPORTS AND D	ELIVERIES TO E	LECTRIC BOILER	RS_
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
Sub-Total	9,537,134	10,388,787	10,490,199	11,105,568	12,945,572
August	1,386,797	1,543,699	1,518,479	1,641,340	
September	1,417,821	1,573,502	1,537,426	1,668,186	
October	1,533,075	1,655,879	1,631,513	1,804,048	
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,340	19,848,503	

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## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH O T T A W A

57-0-

No. 7.

Dominion Statistician: R.H. Coats, M.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

AUGUST, 1940

The output of central electric stations during August declined to 2,500,179,000 kilowatt hours from 2,615,232,000 kilowatt hours in July and the index number dropped from a peak of 279.28 to 262.92. The decrease was principally in secondary power delivered to electric boilers which decreased by 152,627,000 kilowatt hours, or 29 per cent.

Exports to the United States of secondary power also decreased from 78,330,000 to 71,513,000 kilowatt hours and total exports decreased from 203,058,000 to 192,232,000 kilowatt hours.

Firm power consumed in Canada (total output less exports and secondary power delivered to electric boilers) rose to 1,940,996,000 kilowatt hours which was the second highest on record, being exceeded only by the May record. After adjustment for seasonal variations the index number rose to a new high at 255.75 compared to the previous record of 253.88 for July, 249.27 for May, and 216.25 for August 1939.

#### ERRATA

Please correct June and July reports as follows:-

#### DAILY AVERAGE OUTPUTS

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
June, 1940		2,360	43,817	24,178	6,297	5,591
July, 1940		2,402	44,245	24,172	6,123	5,610

26/9/40

Price per year 50 cents

CONTRACTOR OF A STATE OF THE PARTY AND SHAPE OF THE PARTY	ATTION OF THE RESIDENCE	Difference of the constitution of the State		OBSTRACTOR STREET		
	Total	Maritime Provinces	Quabec	Onterio	Prairie Provinces	British Columbia
Total Output		MONTHL	Y OUTPUTS	Applica-Application of the control o		
August, 1940 July, 1940 August, 1939	2,500,179 2,615,232 2,293,032		1,357,493 1,449,409 1,235,703	729,936 748,189 651,918	152,442 158,151 155,882	184,232 177,381 169,559
Generated by W August, 1940 July, 1940 August, 1939	ater Power 2,432,810 2,570,176 2,252,316	55,347 02,201 62,610	1,357,058 1,449.025 1,235,320	729,936 748,189 651,918	129,539 136,312 133,851	179,930 174,451 168,609
Generated by F August, 1940 July, 1940 August, 1939	48,369 45,054 40,716	20,729 19,901 17,352	435 384 383	• • •	22,903 21,839 22,031	4,302 2,930 950
Total to Date 1940 1939	20,083,914		10,781,668	5,878,617 5,141,784	1,456,723 1,424,058	1,379,135 1,286,393
	PI	ROVINCIAL	CONSUMPTIONS	1/		
August, 1940 July, 1940 August, 1939	2,307,947 2,412,173 2,115,198	74,808 80,829 78,548	1,022,598 1,108,057 943,355	874,007 887,883 767,990	154,098 159,989 157,790	182,436 175,415 167,515
Total to Date 1940 1939	18,689,607 16,947,388	575,674 <b>5</b> 61,999	8,165,531 7,504,200	7,113,539 6,171,679	1,471,140 1,436,197	1,363,723 1,273,313

TRIDEY	RIT	TAID	FD	C

					111111111111111111111111111111111111111	A NOWDERD
	January	February	March	April	May	June
						TOTAL
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222.48 233.17 239.02	212.63 226.39 247.14	210.15 235.54 269.67	209.82 238.79 274.24
		Opposed to the state of the sta		OUT	PUT LESS EX	PORTS AND
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 223.33	196.71 201.83 229.52	194.12 204.59 240.58	, <b>193.33</b> 208.47 249.27	197.01 212.63 249.31

<sup>1/</sup> Production plus provincial imports less provincial exports.
3/ New Brunswick only.

-		7			,	
	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAGE	E OUTPUTS 2/	7707211005	COLUMDIA
				1		
	80,651 84,362 73,969	2,454 2,648 2,580	43,790 46,755 39,861	23,546 24,135 21,030	4,918 5,102 5,029	5,943 5,722 5,469
	79,091 82,908 72,656	1,786 2,006 2,020	43,776 46,743 39,849	23,546 24,135 21,030	4,179 4,397 4,318	5,804 5,627 5,439
	1,560 1,454 1,313	668 <b>642</b> 559	14 12 12	* * * * * * * * * * * * * * * * * * *	739 705 711	139 95 31
	82,311 75,075	2,409 2,362	44,187 40,399	24,093 21,160	5,970 5,860	5,652 5,29 <b>4</b>
		DELIV	ERIES TO ELECTR	IC BOILERS		
	366,951 519,578 473,859	3/ 605 3,439 8,985	303,026 420,253 352,030	56,738 83,486 93,600	4/ 6,212 12,134 19,007	370 266 237
	3,803,038 4,200,480	9,619 27,298	2,828,716 2,999,043	696,760 847,669	265,751 324,426	2,192 2,044

(AVERAGE, 1926-100)

	July	August	September	October	November	December
	CUTPUT					
	212.28 235.56 279.28	218.31 241.14 262.92	224.10 246.03	221·27 245·59	226.49 248.11	221.95 239.21
_	DELIVERIES T	O ELECTRIC BOIL	LERS			
	196.70 212.90 253.88	200.06 216.25 255.73	199.84 216.84	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.
4/ Manitoba only.

#### (Thousands of Kilowatt Hours)

Month	goth was in both traine, more than where development enter	AND THE RESIDENCE AND PROPERTY OF THE PROPERTY				
Pebruary	Month	1936	1937	1938	1939	1940
September   2,041,423   2,204,291   2,168,435   2,580,652   2,260,508   2,365,052   2,333,461   2,569,966   2,261,579   2,414,676   2,375,616   2,2601,535   2,601,535   2,587,792   2,457,396   2,853,196   2,556,242   2,569,442   2,5	February March April May June July	1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147	2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055	2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774	2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844	2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232
October         2,280,508         2,365,052         2,333,461         2,589,956         2,601,535           December         2,225,752         2,447,396         2,375,651         2,555,422           TOTAL         25,394,292         27,583,927         26,012,805         28,551,514           EXPORTS TO THE UNITED STATES           February         118,050         134,331         157,552         166,915         149,050           February         110,684         138,041         123,094         155,491         189,008           March         125,921         172,695         144,091         165,422         155,402         155,402           April         125,921         172,695         144,091         165,422         155,402         170,600           May         130,530         161,033         155,292         164,520         193,553         June         157,871         158,657         158,313         163,063         190,704           July         157,545         164,250         159,349         162,973         203,058           August         143,342         162,617         149,493         177,834         192,232           Sub-Total         1,089,437	Sub-Total.	16,484,649	18,141,912	16,782,052	18,243,128	20,083,914
SEXPORTS TO THE UNITED STATES   149,050   154,081   157,532   166,915   149,050   156,421   125,094   153,491   139,908   181,064   125,921   172,695   144,091   165,422   155,402   157,11   125,496   164,250   135,616   141,523   170,600   170,600   182,971   152,496   164,250   135,616   141,523   170,600   182,971   158,657   158,313   163,063   190,704   191, 191, 191, 191, 191, 191, 191, 19	October November	2,280,508 2,261,979	2,365,052 2,414,676	2,333,461 2,375,661	2,589,956 2,601,535	
January	TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
February	And the state of t	EX	PORTS TO THE UN	ITED STATES		
September	February March April May June July	110,684 125,921 125,496 130,530 157,871 157,543	138,041 172,695 164,250 161,033 158,657 164,057	123,094 144,091 135,616 155,292 158,313 159,349	153,491 165,422 141,523 164,520 163,063 162,973	139,908 155,402 170,600 193,353 190,704 203,058
October         129,323         142,736         165,455         151,794           November         126,152         145,549         165,299         155,247           December         128,070         159,093         161,290         150,138           TOTAL         1,578,109         1,847,100         1,926,515         1,912,635           OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,413,216         1,474,787         1,588,575         1,644,983         1,853,157           February         1,298,872         1,344,897         1,485,998         1,488,480         1,727,442           March         1,387,512         1,532,912         1,573,090         1,613,989         1,835,439           April         1,353,605         1,510,508         1,480,284         1,560,142         1,834,573           May         1,371,404         1,519,545         1,505,826         1,623,856         1,941,629           June         1,353,080         1,496,283         1,470,027         1,586,964         1,860,736           July         1,259,445         1,510,365         1,466,399         1,587,154         1,892,596           August         1,386,797         1,543,699	Sub-Total	1,069,437	1,250,281	1,182,780	1,295,741	1,394,307
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS           January         1,413,216         1,474,787         1,558,575         1.644,983         1,853,157           February         1,298,872         1,344,387         1,435,928         1,488,480         1,727,442           March         1,387,512         1,532,912         1,573,090         1,613,989         1,835,439           April         1,353,605         1,510,508         1,480,284         1,560,142         1,834,573           May         1,371,404         1,519,545         1,505,826         1,623,856         1,941,629           June         1,353,080         1,496,283         1,470,027         1,586,964         1,860,736           July         1,359,445         1,510,365         1,466,399         1,527,154         1,892,596           August         1,386,797         1,543,699         1,518,479         1,641,340         1,940,996           Sub-Total         10,923,931         11,932,486         12,008,678         12,746,908         14,886,568           September         1,417,821         1,573,502         1,537,426         1,668,186           October         1,533,075         1,655,879         1,631,513         1,804,048           November </td <td>October November</td> <td>129,323 126,152</td> <td>142,736 145,549</td> <td>165,455 165,299</td> <td>151,794 155,247</td> <td></td>	October November	129,323 126,152	142,736 145,549	165,455 165,299	151,794 155,247	
January         1,413,216         1,474,787         1,558,575         1.644,983         1,853,157           February         1,298,872         1,344,297         1,435,998         1,488,480         1,727,442           March         1,387,512         1,532,912         1,573,090         1,613,989         1,835,439           April         1,353,605         1,510,508         1,480,284         1,560,142         1,834,573           May         1,371,404         1,519,545         1,505,826         1,623,856         1,941,629           June         1,353,080         1,496,283         1,470,027         1,586,964         1,860,736           July         1,359,445         1,510,365         1,466,399         1,527,154         1,892,596           August         1,366,797         1,543,699         1,518,479         1,641,340         1,940,996           Sub-Total         10,923,931         11,932,486         12,008,678         12,746,908         14,886,568           September         1,417,821         1,573,502         1,537,426         1,668,186           October         1,533,075         1,655,879         1,631,513         1,804,048           November         1,481,813         1,629,452         1,640,012         1,820,	TOTAL	1,578,109	1,847,100	1,926,515	1,912,633	
February       1,298,872       1,344,297       1,485,998       1,488,480       1,727,442         March       1,387,512       1,532,912       1,573,090       1,613,989       1,835,439         April       1,353,605       1,510,508       1,480,284       1,560,142       1,834,573         May       1,371,404       1,519,545       1,505,826       1,623,856       1,941,629         June       1,353,080       1,496,283       1,470,027       1,586,964       1,860,736         July       1,259,445       1,510,365       1,466,399       1,587,154       1,892,596         August       1,386,797       1,543,699       1,518,479       1,641,340       1,940,996         Sub-Total       10,923,931       11,932,486       12,008,678       12,746,908       14,886,568         September       1,417,821       1,573,502       1,537,426       1,668,186         0ctober       1,533,075       1,655,879       1,631,513       1,804,048         November       1,481,813       1,632,494       1,617,311       1,809,175         December       1,516,702       1,629,452       1,640,012       1,820,186	Miles STATE	OUTPUT LESS	EXPORTS AND DE	LIVERIES TO E	LECTRIC BOILER	S
October         1,533,075         1,655,879         1,631,513         1,804,048           November         1,481,813         1,632,494         1,617,311         1,809,175           December         1,516,702         1,629,452         1,640,012         1,820,186	February March April May June July August	1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,259,445 1,386,797	1,344,E97 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,340	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,996
TOTAL 16,873,342 18,423,813 18,434,940 19,848,503	October November	1,533,075 1,481,813	1,655,879 1,632,494	1,631,513	1,804,048 1,809,175	
	TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	

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DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
O T T A W A

No. 9.

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.) Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### SEPTEMBER, 1940

The output of central electric stations for September dropped to 2,399,678,000 kilowatt hours from 2,500,179,000 kilowatt hours in August and the index number declined from 262.92 to 248.00. Compared with the September 1939 output of 2,380,652,000 kilowatt hours the increase was less than one per cent, whereas the increase for the previous eight months over the first eight months of 1939 was 10 per cent. Over 88 per cent of the decline from the August output was in secondary power. Deliveries to electric boilers dropped from 366,951,000 kilowatt hours in August to 279,003,000 kilowatt hours, and exports of surplus power to the United States dropped from 71,517,000 to 70,380,000 kilowatt hours.

Total exports to the United States declined to 186,983,000 kilowatt hours from 192,235,000 kilowatt hours in August but were 17 per cent above the September 1939 exports.

Consumption of firm power (total output less exports and deliveries of secondary power to electric boilers) was 1,933,692,000 kilowatt hours as against 1,940,996,000 kilowatt hours in August and 1,668,186,000 kilowatt hours in September last year.

			Constitution and the second control of the control	gan agrandoness, cap representativament table and					
men finde 2 m minut grap. Engling graphed produce development with medium and the second seco	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia			
And the section of th	and the second s	MONT	HLY OUTPUTS	20					
Total Output									
September, 1940	2,399,678	68,689	1,279,699	718,771	155,414	177,105			
August, 1940	2,500,179	76,076	1,357,493	729,936	152,442	184,232			
September, 1939	2,380,652	76, 965	1,264,903	696,931	170,381	171,472			
Generated by Wat	l er Power								
September, 1940	2,352,996	48,793	1,279,259	718,771	132,413	173,760			
August, 1940	2,451,810	55,347	1,357,058	729,936	129,539	179,930			
September, 1939	2,336,676	57,843	1,264,515	696,931	146,953	170,434			
Generated by Fue						,			
September, 1940	46,682	19,896	440	0 0 0	23,001	3,345			
August, 1940	48,369	20,729	435	000	22,903	4,302			
September, 1939	43,976	19,122	388	000	23,428	1,038			
Total to Date									
1940	22,483,592	656,460	12,061,367	6,597,388	1,612,137	1,556,240			
1939	20,623,780	_	11,081,927	5,838,715	1,594,439	1,457,865			
		PROVINCIAL	CONSUMPTIO	NS 1/					
September, 1940	2,212,695	67,504	958,762	854,036	156,838	175,555			
August, 1940	2,307,947	74,808	1,022,598	874,007	154,098	182,436			
September, 1939	2,220,938	75,600	980,587	823,017	171,869	169,865			
Total to Date	00 000 700	0.47 7.70	0.704.00**	G 005 FGF	3 000 000	3 570 070			
1940	20,902,302	643,178	9,124,293	7,967,575	1,627,978	1,539,278 1,443,178			
1939.	19,1.68,326	637 <sub>9</sub> 599	8,484,787	6,994,696	1,9000,000	19 140, 170			
7	INDEX NUMBERS								

I	ND	EX	NU	MB	ERS

alles autre millionalités million et dins de l'homostime d'homosti, de	er value en experience este astronomente este es	and the control becaute the control and		and the office of the contract	\$\$\tag{\$\curr{\$\tag{\$\}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}
January	February	March	April	May	June
					1
					TOTAL
220.06	215.88	222.48	212.63	210.15	209.82
230.01	232.31	233.17	226.39	235.54	238.79
243.42	239.79	239.02	247.14	269.67	274.24
			OUTPUT	LESS EXPOR	RTS AND
190.46	192.28	196.71	194.12	193.33	197.01
201.02	199.31	201.83	204.59	208.47	212.63
226.46	223.33	229.52	240.58	249.27	249.31
	220.06 230.01 243.42 190.46 201.02	220.06 215.88 230.01 232.31 243.42 239.79 190.46 192.28 201.02 199.31	220.06 215.88 222.48 230.01 232.31 233.17 243.42 239.79 239.02 190.46 192.28 196.71 201.02 199.31 201.83	220.06 215.88 222.48 212.63 230.01 232.31 233.17 226.39 243.42 239.79 239.02 247.14 OUTPUT 190.46 192.28 196.71 194.12 201.02 199.31 201.83 204.59	220.06 215.88 222.48 212.63 210.15 230.01 232.31 233.17 226.39 235.54 243.42 239.79 239.02 247.14 269.67  190.46 192.28 196.71 194.12 193.33 201.02 199.31 201.83 204.59 208.47

<sup>1/</sup> Production plus provincial imports less provincial exports.

<sup>3/</sup> New Brunswick only.

-3114			1			
well-well	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAC	EE OUTPUTS 2/		
	79,989 80,651 79,355	2,289 2,454 2,565	42,657 43,790 42,164	23,959 23,546 23,231	5,181 4,918 5,679	5,903 5,943 5,716
	78,433 79,091 77,889	1,626 1,786 1,928	42,642 43,776 42,151	23,959 23,546 23,231	4,414 4,179 4,898	5,792 5,804 5,681
	1,556 1,560 1,466	663 668 637	15 14 13	• • • • • • • • • • • • • • • • • • •	767 739 781	111 139 35
	82,057 75,545	2,396 2,384	44,019 40,593	24,078 21,387	5,884 5,840	5,680 5,341
		3/DE	LIVERIES TO E	LECTRIC BOILERS	5 4/	
	279,003 366,951 552,752	605	238,147 303,026 411,501	36,747 56,738 109,817	3,734 6,212 23,098	375 370 343
	4,082,041 4,753,232	9,619 35,291	3,066,863 3,410,544	733,507 957,486	269,485 347,524	2,567 2,387
	(ATTENDACIES TO	000 700)				

(AVERAGE, 1926-100)

 July	August	September	October	November	December
OUTPUT 212.28 235.56 279.28	218.31 241.14 262.92	224.10 246.03 248.00	221.27 245.59	226.49 248.11	221.95 239.21
DELIVERIES 1 196.70 212.90 253.88	200.06 216.25 255.73	RS 199.84 216.84 251.35	194.89 215.50	194.51 217.70	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

Month	1.936	1937	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
Sub Potal	18,526,072	20,346,203	18,950,487	20,623,780	The same of the sa
a or a subsection and the same and the same and the same and	on alternative a give the partition on the same	services of the state of the sale of	and the second s	- Charles with the control of the control of the control	22,483,592
October	2,280,508	2,365,052	2,333,461	2,589,956	
November	2,261.,979	2,414,676	2,375,661	2,601,535	
December	2,325,733	2,457,996	2,353,196	2,536,242	a distriction militare distriction or Spherical state of the continue of the c
TOTAL	25,394,292	27,583,927	26,012,805	28,351,514	
	E	KPORTS TO THE	UNITED STATES		
January	118,050	134,931	157,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	1.25, 921.	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May	130,530	161,033	155,292	164,520	193,353
June	157,871	158,657	158,313	163,063	190,704
July	1.57,543	164,057	159,349	162,973	203,058
August	145,342	1.62,617	149,493	177,834	192,235
September	125,127	143,441	151,691	159,713	186,983
Sub Total	1,194,564	1,399,722	1,334,471	1,455,454	1,581,293
October	129,323	142,736	1.65,455	151,794	
November	126,152	- 145,549	165,299	155,247	
December	1.28,0/0	159,093	161,290	1.50, 1.38	Company of the Compan
TOTAL	1,578,1.09	1,847,100	1,826,515	1,912,633	
Countries in any service of the second contribution of the second countries of	OUTPUT LESS	S EXPORTS AND	DELIVERIES TO	ELECTRIC BOILER	RS
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1,298,872	. 1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April.	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
Sub Total	12,341,752	13,505,988	13,546,104	14,415,094	16,820,260
October	1,533,075	1,655,879	1,631,513	1,804,048	the second secon
November	1,481,813	1,632,494	1,617,311	1,809,175	
December	1,516,702	1,629,452	1,640,012	1,820,186	
TOTAL	16,873,342	18,423,813	18,434,940	19,848,503	
	A STATE OF THE PARTY OF THE PAR			Control of the Contro	Control Control

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of HON. JAMES A. MACKINNON, M.P., Minister of Trade and Commerce

57-

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
OTTAWA

No. 10

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### OCTOBER, 1940

Total output of central electric stations during October increased to 2,487,455,000 kw. h. from 2,399,678,000 kw. h. for September. The index however, adjusted for the different number of days in the months and other seasonal factors, declined to 235.87 as against 248.00.

The decrease in total output compared with the October 1939 total of 2,589,956,000 kw. h. was all in secondary power as shown below.

	0ct. 1939	Aug. 1240	Sept. 1940	Oct. 1940
	and the same of th	(Thousand	kw. h.)	
Total Output	2,589,956	2,500,179	2,399,678	2,487,455
Secondary Power For Electric Boilers	634,114	366,951	279,003	246,319
For Export	27,230	71,517	70,380	65,337
	661,344	438,468	349,383	311,656
Firm Power	1,928,612	2,061,711	2,050,295	2,175,799
Daily Average	62,213	66,507	68,343	70,187
		The second secon		

These data are often used to measure the industrial activity in the provinces. For this purpose the gross output might be misleading. The better data are the consumptions of firm power computed by subtracting from total output the provincial exports and deliveries of secondary power to electric boilers and adding provincial imports. The daily average is also better than the monthly total, but adjustments should be made for the five Sundays in October 1939, and September 1940.

The daily averages of firm power consumption were:

		Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia	
				(1	Thousand kw	. h.)		
October September October	1940 1940 1939	66,846 64,456 58,195	2,344 2,250 2,305	25,277 24,021 19,809	27,878 27,243 25,327	5,453 5,103 5,176	5,894 5,839 5,578	

Total exports to the United States amounted to 168,904,000 kw. h. compared with 186,983,000 kw. h. in September and 151,794,000 kw. h. in October 1939.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTH	LY OUTPUTS			
Total Output						
October, 1940 September, 1940 October, 1939	2,487,455 2,399,678 2,589,956	74,512 68,689 78,877	1,313,254 1,279,699 1,394,323	733,651 718,771 748,704	181,440 155,414 193,098	184,598 177,105 174,954
Generated by Wate	r Power					
October, 1940 September, 1940 October, 1939	2,437,742 2,352,996 2,542,399	53,194 48,793 58,853	1,312,754 1,279,259 1,393,914	733,651 718,771 748,704	156,341 132,413 167,560	181,802 173,760 173,368
Generated by Fuel						
October, 1940 September, 1940 October, 1939	49,713 46,682 47,557	21,318 19,896 <b>20,</b> 024	500 440 409		25,099 23,001 25,538	2,796 3,345 1,586
Total to Date	24,971,047 23,213,736		13,374,621 12,476,150	7,331,039 6,587,419	1,793,577 1,787,537	
m minutes and the state of the	PR	OVINCIAL O	ONSUMPTIONS	1/		
October, 1940 September, 1940 October, 1939	2,318,551 2,212,695 2,438,162	72,671 67,504 77,412	984,374 958,762 1,090,292	895,602 854,036 902,530	182,968 156,838 194,789	182,936 175,555 173,139
Total to Date 1940 1939	23,220,853 21,606,488~	,	10,108,667 9,575,079	8,863,177 7,897,226	1,810,946 1,802,855	
Por de constante					INDEX NUMBE	RS

January February March April May June TOTAL 1938 220.06 215.88 | 222.48 212.63 210.15 209.82 1939 230.01 232.31 233-17 226.39 238.79 235.54 1940 243.42 239.79 239.02 247.14 269.67 274.24 OUTPUT LESS EXPORTS AND 1938 190.46 192.28 196.71 194.12 193.33 197.01 1939 201.02 199.31 201.83 204.59 208 - 47 212.63 1940 226.46 229.52 249.27 249.31 223.33 240.58

3/ New Brunswick only.

<sup>1/</sup> Production plus provincial imports less provincial exports.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVEF	RAGE OUTPUTS 2/		
	80,241	2,404	42,363	23,666	5,853	<b>5,9</b> 55
	79,989 83,547	2,289 2,544	42,657	23,959	5,181	5,903
	33,317	£, 514	44,978	24,152	6,229	5,644
	78,637	1,716	42,347	23,666	5,043	5,865
	78,433 82,013	1,626	42,642 44,965	23,95 <b>9</b> 24,152	4,414 5,405	5,792
			1 2 3 0 0 0	₩ <del>- 8</del>	5, 905	5,593
	1,604	688	16		810	
	1,556 1,534	663 646	15		76 <b>7</b> 824	
	81,872	2,397	43,851	24,036	5,880	5,708
	76,361	2,401	41,040	21,699	5,880	
		DI	LIVERIES TO E	LECTRIC BOILERS	4/	
	246,319 279,003	3/	200,796	31,375	13,920	228
	634,114	5,953	238,147 476,214	36,747 117,394	3,734 34,324	375 229
	<b>4,328,360 5,387,346</b>	9,619 41,244	3,267,659 3,886,758	764,882	283,405	2,795
	(AVERAGE,		3,000,130	1,074,880	381,848	2,616
_						
-	July	August	September	October	November	December
	OUTPUT					
	212.28	218.31	224.10	221.27	226.49	221.95
	235.56 279.28	241.14 262.92	246.03 248.00	245.59 235.87	248.11	239.21
		CO ELECTRIC BOILE	RS			
	196.70	200.06	199.84	194.89	194.51	193.98
	212.90	216.25	216.84	215.50	217.70	215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.4/ Manitoba only.

251.35

247.54

255.73

253.88

Month	1936	1937	1938	1939	1940
January February March April May June July August September October	2,091,497 1,938,978 2,135,640 2,164,628 2,083,363 2,028,980 2,021,147 2,020,416 2,041,423 2,280,508	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,335,461	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455
Sub-Total	20,806,580	22,711,255	21,283,948	23,213,736	24,971,047
November December	2,261,979 2,325,733	2,414,676 2,457,996	2,375,661 2,353,196	2,601,535 2,536,242	
Total	25,394,292	27,583,927	26,012,805	28,351,514	
	E	KPORTS TO THE	UNITED STATES		
January February March April May June July August September October	118,050 110,684 125,921 125,496 130,530 <u>157,871</u> 157,543 143,342 125,127 129,323	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,834 159,713 151,794	149,050 139,908 155,402 170,600 193,353 190,704 203,058 192,235 186,983 168,904
Sub-Total	1,323,887	1,542,458	1,499,926	1,607,248	1,750,197
November December Total	126,152 128,070 1,578,109	145,549 159,093 1,847,100	165,299 161,290 1,826,515	155,247 150,138 1,912,633	
	OUTPUT LESS	EXPORTS AND D	ELIVERIES TO EI	LECTRIC BOILERS	
January February March April May June July August September October Sub-Total November	1,413,216 1,298,872 1,387,512 1,353,605 1,371,404 1,353,080 1,359,445 1,386,797 1,417,821 1,533,075 13,874,827	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 15,161,867 1,632,494	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 15,177,617 1,617,311	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,340 1,668,186 1,804,048 16,219,142	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,996 1,933,692 2,072,232 18,892,492
December	1,516,702	1,629,452	1,640,012	1,820,186	
Total	16,873,342	18,423,813	18,434,940	19,848,503	

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Published by Authority of HON. JAMES A. MACKINNON, M.P., Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
TRANSPORTATION AND PUBLIC UTILITIES BRANCH
O T T A W A

No. 11

Dominion Statistician: R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### November, 1940.

Firm power produced for consumption in Canada reached a new high in November at 2,079,984,000 kw. h. as against 2,072,232,000 kw. h. for October, and on a daily basis the increase was from 66,846,200 kw. h. to 69,332,800 kw. h., or 4.3 per cent.

Deliveries of secondary power to electric boilers were light at 259,384,000 kw. h. as against 637,114,000 a year previous.

Exports to the United States increased from 155,247,000 kw. h. in November 1939 to 185,492,000 kw. h., but the increase here was all in secondary power, the exports of firm power declining from 120,357,000 kw. h. in 1939 to 109,787,000 kw. h.

Because of the large decrease in secondary power total output was less than in November 1939 dropping from 2,601,535,000 kw. h. to 2,524,860,000 kw. h. and the index number dropped to 240.71, as against 248.11 for November 1939 and 235.87 for October 1940.

	Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
		MONTH	LY OUTPUTS			
Total Output						
November, 1940 October, 1940 November, 1939	2,524,860 2,487,455 2,601,536	84,544 74,512 85,765	1,288,486 1,313,254 1,411,488	765,437 733,651 737,240	200,180 181,440 194,849	186,213 184,598 172,194
Generated by W	ater Power					
November, 1940 October, 1940 November, 1939	2,473,122 2,437,742 2,553,391	63,252 53,194 64,352	1,287,942 1,312,754 1,411,050	765,437 733,651 737,240	170,900 156,341 168,958	185,591 181,802 171,791
Generated by F	uel					
November, 1940 October, 1940 November, 1939	51,738 49,713 48,145	21,292 21,318 21,413	544 500 438	60ma 6000 w15,3	29,280 25,099 25,891	622 2,796 403
Total to Date 1940 1939	27,495,907 25,815,272		14,663,107 13,887,638	8,096,476 7,324,659	1,993,756 1,982,386	1,927,052 1,805,013
		PROVINCIAL	CONSUMPTIO:	NS 1/		
November, 1940 October, 1940 November, 1939	2,339,368 2,318,551 2,446,289	82,434 72,671 84,466	963,697 984,374 1,080,966	906,968 895,602 913,911	201,815 182,968 196,447	184,454 182,936 170,499
Total to Date 1940 1939	25,560,221 24,052,777		11,072,364 10,656,045	9,770,145 8,811,137	2, <b>0</b> 12,761 1,999,302	1,906,668 1,786,816

#### INDEX NUMBERS

	January	February	March	Apri.1	May	June
						TOTAL
1938 1939 1940	220.06 230.01 243.42	215.88 232.31 239.79	222,48 233,17 239,02	212.63 226.39 247.14	210 15 235 54 269 67	209.82 238.79 274.24
				OUTPUT	LESS EXPOR	RTS AND
1938 1939 1940	190.46 201.02 226.46	192,28 199,31 225,33	196,71 201,83 229,52	194,12 204,59 240,58	193.33 208.47 249.27	197.01 212.63 249.31

<sup>1/</sup> Production plus provincial imports less provincial exports.

3/ New Brunswick only.

anntau.	1 Total	Maritime Provinces	Quebec	Ontario	Prairie Provinces	British Columbia
			DAILY AVERAG	E OUTPUTS 2/		de a deministração que do dos desidos depuis develocados.
	84,162 80,241 86,718	2,818 2,404 2,859	42,949 42,363 47,050	25,515 23,666 24,575	6,673 5,853 6,495	6,20 <b>7</b> 5,955 5,739
	82,437 78,637 85,113	2,108 1,716 2,145	42,931 42,347 47,035	25,515 23,666 24,575	5,697 5,043 5,632	6,186 5,865 5,726
	1,725 1,604 1,605	710 688 714	18 16 15		976 810 863	21 90 13
	82,077 77,291	2,434 2,442	43,770 41,580	24,169 21,930	5,952 5,935	5,752 5,404
		3/ DEL	IVERIES TO ELEC	UTRIC BOILERS	4/	
	259,384 246,319	4,186	193,328 200,796	33,789 31,375	27,802	279 228
	637,114	4,250	477,645	114,360	40,588	. 271
-	1,587,744 5,024,460	13,805 45,494	3,460,987 4,364,403	798,671 1,189,240	311,207 422,436	2,887

(AVERAGE, 1926-100)

-	July	August	September	October	November	December
	OUTPUT 212.28 235.56 279.28	218.31 241.14 262.92	224.10 246.03 248.00	221,27 245,59 235,87	226.49 248.11 240.71	221.95 239.21
	DELIVERIES TO ELECTRIC BOILERS					
-	196.70 212.90 253.88	200.06 216.25 255.73	199.84 216.84 251.35	194.89 215.50 247.54	194.51 217.70 250.16	193.98 215.29

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays, or Saturdays, etc.

4/ Manitoba only.

Month	1936	1957	1938	1939	1940
January	2,091,497	2,317,906	2,283,691	2,386,979	2,526,143
February	1,938,978	2,146,578	2,057,598	2,214,174	2,367,031
March	2,135,640	2,412,259	2,258,197	2,366,740	2,426,157
April	2,164,628	2,322,884	2,063,801	2,197,379	2,398,722
May	2,083,363	2,301,167	2,081,935	2,333,443	2,671,567
June	2,028,980	2,255,338	1,973,155	2,245,537	2,578,883
July	2,021,147	2,188,055	1,987,774	2,205,844	2,615,232
August	2,020,416	2,197,725	2,075,901	2,293,032	2,500,179
September	2,041,423	2,204,291	2,168,435	2,380,652	2,399,678
October	2,280,508	2,365,052	2,333,461	2,589,956	2,487,455
November	2,261,979	2,414,676	2,375,661	2,601,535	2,524,860
Sub-Total	23,068,559	<b>25</b> <sub>2</sub> 125 <sub>3</sub> 931	23,659,609	25,815,271	27,495,907
December	2,325,733	2,457,996	2,358,196	2,536,242	()b
Total	25,394,292	27 <sub>2</sub> 583 <sub>2</sub> 927	26,012,805	28,351,514	
	EX	PORTS TO THE U	NITED STATES		
Tomas	1 770 050	374 073	757 570	3.00.03.5	740.050
January	118,050	134,931	1.57,532	166,915	149,050
February	110,684	138,041	123,094	153,491	139,908
March	125,921	172,695	144,091	165,422	155,402
April	125,496	164,250	135,616	141,523	170,600
May June	130,530 157,871	161,033	155,292	164,520	193,353
6		158,657	158,313	163,063	190,704
July	157,543 143,342	164,057	159,349	162,973	203,058
August September	125,127	162,617 143,441	149,493	1.77,834 159,713	192,235
October	129,323	142,736	165,455	151,794	186,983 168,904
November	126,152	145,549	165,299	155,247	185,429
Sub-Total	1,450,039	1,588,00?	1,665,225	1,762,495	
December	128,070	159,093	161,290	150,138	1,935,689
Total	1,578,109	1,847,100	1,826,515	1,912,633	C-5
	OUTPUT LESS	EXPORTS AND D	I OI CHILLIAN LLE	LECTRIC BOILER	5
January	1,413,216	1,474,787	1,558,575	1,644,983	1,853,157
February	1, 298,872	1,344,387	1,435,998	1,488,480	1,727,442
March	1,387,512	1,532,912	1,573,090	1,613,989	1,835,439
April	1,353,605	1,510,508	1,480,284	1,560,142	1,834,573
May	1,371,404	1,519,545	1,505,826	1,623,856	1,941,629
June	1,353,080	1,496,283	1,470,027	1,586,964	1,860,736
July	1,359,445	1,510,365	1,466,399	1,587,154	1,892,596
August	1,386,797	1,543,699	1,518,479	1,641,340	1,940,996
September	1,417,821	1,573,502	1,537,426	1,668,186	1,933,692
October	1,533,075	1,655,879	1,631,513	1,804,048	2,072,232
November	1,481,813	1,632,494	1,617,311	1,809,175	2,079,984
Sub-Total	15,356,640	16,794,361	16,794,928	18,028,317	20,972,476
December	1,516,702	1,629,452	1,640,012	1,820,186	(att)
Total	16,873,342	18,423,813	18,434,940	19,848,503	<b>a</b>

### DEPT. OF POLITICAL SCIENCE

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#### DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

No. 12.

Dominion Statisticians R.H. Coats, LL.D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch: G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA December, 1940.

Central electric stations produced 2,584,341,000 km. h. during December compared with 2,524,860,000 in November and 2,536,242,000 in December 1939.

Firm power produced for use to Ganada amounted to 2,134,315,000 kw. h., the highest for any month to date. On a daily basis, however, it was slightly below the November average.

Secondary power produced for alaskete botters dropped from 565,918,000 kw. h. in December 1939 to 250,150,000 kw. h. but expirts of off peak power increased from 24,391,000 to 81, 114,000 kw. h. and betal expects to the Daited States increased from 150,138,000 to 199,866,000 kw. h.

Production for the year weather a new peak at 30,080,248,000 kw. h. which was 6.1 per cent above the 1939 output the previous high record and production of firm power for use in Canada amounted to 23, 116, 787, 700 km. L. This was 3,258,284,000 km. h. or 16.4 per cent above the previous high record made in 1939.

Secondary power produced for electric boilers during the year dropped from 6,590,378,000 to 4,837,904,000 kw. h. and exports to the United States of secondary power increased from 487,935,000 to 727,442,000 km. n. Thus the total production in 1940 included 24,514,902,000 km. h. of firm power and 5,555,346,000 km. h. of secondary power as against 21,273,201,000 kw. h. of firm power and 7,078,313,000 kw. h. of secondary power in 1939.

The summary below shows the comparison of 1940 with 1939 data.

			CHAN	GE .
	1940	1939	AMOUNT	P. C.
FIRM POWER	(Thous	ands of kilowat	t hours)	
# For use in Canada Exported to the United States	23,106,787 1,408,115	19,848,503 1,424,698	+ 3,258,284 - 16,583	16.4
Total	24,514,902	21,273,201	+ 3,241,701	15.2
SECONDARY POWER	The second secon			
For Electric Boilers Exported to the United States	4,837,904 · 727,442	6,590,378 487,935	= 1,752,474 + 239,507	26.6 49.2
Total	5,565, <b>34</b> 6	7,078,313	- 1,512,967	21.4
Total power produced	30,080,248	28,351,514	+ 1,728,734	6.1
Total exported to the United States	2,135,557	1,912,633	+ 222,924	11.6

f Includes line losses for both classes of power.

24/1/41.

	Total	Maritime Province		Ontario	Prairie Provinces	British Columbia	
		MON	THLY OUTPUTS				
Total Output							
December, 1940 November, 1940 December, 1939 Generated by N	2,584, <b>841</b> 2,524,860 2,536,242 Nater Power	87,638 84,544 79,765	1,325,344 1,288,486 1,335,256	780,536 765,437 739,477	200,002 200,180 203,358	190,821 186,213 178,386	
December, 1940 November, 1940 December, 1939	2,530,137 2,473,122 2,486,434	65,743 63,252 57,273	1,324,795 1,287,942 1,334,773	780,536 765,437 739,477	169,583 170,900 176,496	189,480 185,5 <b>91</b> 177,715	
Generated by F	Tuel						
December, 1940 November, 1940 December, 1939	54,204 51,738 49,808	21,895 21,292 21,792	549 544 483	000	30, <b>419</b> 29,280 26,862	1,341 622 671	
Total to Date 1940 1939	30,080,248 28,351,514	903 <sub>5</sub> 154 895 <sub>9</sub> 341	15,988,451 15,22 <b>2</b> ,894	8,877,012 8,064,136	2,193,758 2,185,744	2,117,873 1,983,399	
		PROVINCIA	CONSUMPTION	NS 1/			
December, 1940 November, 1940 December, 1940	2,384,475 2,339,36 <b>8</b> 2,386,104	85,443 82,434 77,785	989,113 963,697 1,015,906	919,242 906,968 910,774	201,720 201,815 205,118	188,957 184,454 176,521	
Total to Date 1940 1939	27,944,696 26,438,881	883,726 877,262	12,061,477 11,671,951	10,689,387 9,721,911	2,214,481 2,204,420	2,095,625 1,963,337	
		-			INDEX	NUMBERS	
	January	February	March	April	May	June	
1938	220.06	215.88	222.48	212.63	210.15	TOTAL 209.82	

	a amuary	repruary	Mar.CCL	April	May	June	
1938 1939 1940	220.06 230.01 243.42	215.88 232,31 239.79	222.48 233.17 239.02	212.63 226.39 247.14	210.15 235.54 269.67	TOTAL 209.82 238.79 274.24	
1938 1939 1940	190.46 201.02 226.46	192.28 199.31 223.33	196.71 201.83 229.52		UT LESS EXP 193.33 208.47 249.27		

<sup>1/</sup> Production plus provincial imports less provincial exports.
3/ New Brunswick only.

T						
	Total	Maritime Provinces	Quebec	Ontario	Praire Provinces	British Columbia
			DAILY AVER	AGE OUTPUTS 2		
				1	<del></del>	
	83,365	2,827	40 000			
	84,162	2,818	42,753	25,179	6,451	6,155
	81,814	2,573	42,949	25,515	6,673	6,207
	y	~,015	43,073	23,854	6,560	Columbia 6,155
1	81,617	2,121	42,735	25,179	5,470	0 770
	82,437	2,108	42,931	25,515	5,697	
	80,207	1,870	43,057	23,854	5,693	· ·
						0,100
	1,748	706	18		981	A seed
	1,725	710	18	000	976	
	1,607	703	16	200	867	
					001	KT
	82,186	2,468	43,684	24,254	5,994	5, 786
_	77,675	2,453	41,707	22,093	5,988	
		1 ~ / 10701	TATAMAN MAKAMAN			
		3/ DEJ	LIVERIES TO EL	ECTRIC BOILER	<u>4/</u>	
	250,160	4,415	180,462	34,430	70 500	6.33
	259, 384	4,186	193,328	33,789	30,568 27,802	
	565,918	3,673	410,190	106,431	45,398	
				1009 101	40,000	226
	,837,904	18,220	3,641,449	833,101	341,775	3, 350
6	,590,378	49,167	4,774,593	1,295,671	467,834	
	( ATTENDACTO	000 700			,,,,,,	
-	July	926-100	(7 [ 2			
_	o u.i.y	August	September	October	November	December
	TUTTU					
	21.2.28	218.31	224.10	221.27	226.49	207 05
	235.56	241.14	246.03	245.59	248.11	
	279.28	262.92	248.00	235.87	240.71	
	HET TUENTED	INC) THE LANDSCORE TO SEE	Y 737			2200,0
-	DEPT AEKTER	TO ELECTRIC BOI	LERS			
·	1.96.70	200.06	199.84	194.89	194.51	193.98
	212.90	216.25	21.6.84	215.50	217.70	215.29
	253.88	255.73	251,35	247.54	250.16	252.44
-						

<sup>2/</sup> No allowance is made for the effect of holidays, Sundays or Saturdays, etc. 4/ Manitoba only.

Month	***	T	1	T	1	
Pebruary	Month	1936	1937	1938	1939	1940
Pebruary	January	2.091.497	2,317,906	2,283,697	2 386 979	9 596 147
March						
April 2,164,628 2,322,884 2,083,801 2,197,379 2,388,722 May 2,085,933 2,501,157 2,081,935 2,353,445 2,671,567 June 2,028,990 2,255,338 1,973,155 2,245,533,445 2,671,567 July 2,021,147 2,188,055 1,987,774 2,205,844 2,615,232 August 2,020,416 2,197,725 2,075,901 2,293,032 2,500,179 September 2,041,423 2,204,291 2,188,435 2,380,562 2,389,678 October 2,280,508 2,565,052 2,335,461 2,589,956 2,487,455 November 2,281,979 2,114,472 2,175,660 2,580,159 2,524,980 December 2,328,783 2,467,996 2,355,196 2,586,242 2,584,341 Total 25,394,392 27,583,927 26,012,405 28,551,514 30,080,248  EXPORTS TO THE UNITED STATES   **August 1,10,884 184,041 182,994 1,52,491 139,908 March 125,921 172,695 1,44,991 165,422 155,402 April 1,25,496 184,280 155,516 141,525 170,600 May 1,50,550 1,61,055 155,292 164,520 193,354 June 1,57,871 156,687 158,313 163,063 190,704 July 157,543 164,087 159,349 162,973 203,088  **August 1,45,342 162,617 143,495 177,834 192,255 September 126,152 145,441 151,991 159,713 186,983 October 128,070 159,093 161,290 150,188 199,666  Total 1,578,105 1,847,100 1,826,515 1,912,635 2,135,557  **OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Jameary 1,431,216 1,474,787 1,455,998 1,488,480 1,727,442 April 1,555,605 1,510,508 1,480,280 1,560,142 1,834,573 April 1,555,605 1,510,508 1,480,280 1,560,142 1,834,573 April 1,535,300 1,496,283 1,470,027 1,588,565 1,944,880 1,727,442  December 1,555,080 1,496,283 1,470,027 1,588,565 1,941,629,565 1,941,629,565  DUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Jameary 1,433,216 1,474,787 1,455,998 1,488,480 1,727,442 April 1,555,605 1,510,508 1,480,284 1,560,142 1,834,573 April 1,555,450 1,510,586 1,480,284 1,560,442 1,834,573 April 1,555,450 1,510,586 1,480,284 1,560,442 1,834,573 April 1,555,450 1,510,586 1,480,281 1,580,385 1,583,459 December 1,550,750 1,550,883 1,460,381 1,580,385 1,583,459 December 1,550,750 1,550,879 1,551,511 1,909,375 2,079,994 April 1,555,080 1,496,283 1,470,027 1,586,864 1,860,736 August 1,556,797 1,545,699 1,513,479 1,544,540 2,079,994 April	-	1				
May 2,083,388 2,201,167 2,081,935 2,335,443 2,571,567 June 2,028,980 2,255,388 1,375,155 2,245,557 July 2,021,147 2,168,055 1,987,774 2,205,844 2,615,232 August 2,020,416 2,197,725 2,075,901 2,293,032 2,500,179 September 7,741,423 2,204,291 2,168,435 2,580,552 2,399,678 October 2,280,508 2,565,052 2,535,461 2,599,956 2,287,455 November 2,281,979 2,414,876 2,555,196 2,536,442 2,514,457 October 2,280,508 2,565,052 2,535,461 2,599,956 2,487,455 November 2,281,979 2,414,876 2,575,869 2,586,242 2,584,360 Describer 7,741,423 2,204,291 2,168,455 2,584,361 Total 25,394,992 27,583,927 26,012,305 28,351,514 30,080,248  EXPORTS TO THE UNITED STATES    Jamusry						
June 2,028,980 2,255,338 1,973,155 2,245,557 2,578,883 July 2,021,147 2,188,055 1,987,774 2,205,844 2,615,232 August 2,020,416 2,197,725 2,075,901 2,295,032 2,500,179 September 2,241,425 2,204,291 2,168,455 2,380,652 2,399,678 October 2,280,508 2,265,052 2,535,461 2,589,956 2,487,455 November 2,281,975 2,411,876 2,275,661 2,589,956 2,487,455 December 2,525,753 2,457,996 2,555,196 2,536,242 2,584,341 Total 25,394,992 27,583,927 26,012,305 28,351,514 30,080,248  EXPORTS TO THE UNITED STATES	_	* *				1
July 2,021,147 2,188,055 1,987,774 2,205,844 2,615,232 August 2,020,416 2,197,725 2,075,901 2,293,032 2,500,179 2,000 2,000 2,293,032 2,500,179 2,000 2,000 2,280,508 2,365,052 2,333,461 2,589,956 2,487,455 2,680,652 2,280,508 2,365,052 2,333,461 2,589,956 2,487,455 2,680,652 2,280,508 2,365,052 2,333,461 2,589,956 2,487,455 2,584,960 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,555,196 2,556,962 2,584,360 2,555,196 2,556,962 2,584,361 25,594,982 27,583,927 28,012,305 28,351,514 30,080,248 248 248 248 248 248 248 248 248 248						
August 2,020,416 2,197,725 2,075,901 2,293,032 2,500,179 September 2,241,475 2,204,291 2,168,455 2,380,852 2,999,678 October 2,286,505 2,365,052 2,353,461 2,589,556 2,487,455 November 2,261,979 2,414,876 2,375,466 2,601,555 2,524,960 December 2,375,753 2,457,996 2,555,196 2,556,242 2,584,341  Total 25,394,292 27,583,927 26,012,805 28,351,514 30,080,248  EXPORTS TO THE UNITED STATES  Sammary 128,096 134,931 157,532 168,915 149,050 February 110,684 158,041 125,094 155,491 139,908 March 125,991 172,895 144,091 165,422 155,402 April 125,496 164,250 135,616 141,525 170,600 May 150,550 163,033 155,292 164,520 193,354 June 157,871 158,657 158,313 163,063 190,704 July 157,543 164,087 159,349 163,975 203,088 September 145,342 162,617 149,493 177,834 192,256 September 122,323 142,734 165,455 151,794 166,904 Gevenber 122,323 142,734 165,455 151,794 166,904 Gevenber 126,152 145,549 165,299 155,247 186,903 Gevenber 126,352 142,737 1,455,908 1,548,460 1,727,442 Petruary 1,413,216 1,574,377 1,558,557 Electric Bottlers  February 1,413,216 1,547,377 1,558,557 1,516,399 1,835,439 June 1,578,109 1,647,370 1,658,570 1,516,399 1,835,439 June 1,578,109 1,647,370 1,658,570 1,615,399 1,835,439 June 1,578,091 1,535,805 1,510,508 1,480,284 1,560,442 1,835,457 June 1,558,097 1,543,899 1,553,290 1,553,399 1,835,439 June 1,578,090 1,964,300 1,862,515 1,912,668 2,155,557						
September 2,941,423 2,204,291 2,163,455 2,580,552 2,599,567 0ctober 2,280,508 2,565,052 2,333,461 2,589,956 2,487,455 November 2,261,979 2,414,876 2,575,466 2,601,555 2,524,960 December 2,575,753 2,457,995 2,555,196 2,555,242 2,584,360 December 2,575,753 2,457,995 2,555,196 2,555,242 2,584,360 December 2,575,753 2,457,995 2,555,196 2,555,242 2,584,360 December 2,575,753 2,457,995 2,555,196 2,555,242 2,584,361 Total 25,594,292 27,565,927 26,012,305 28,551,514 30,080,248 EXPORTS TO THE UNITED STATES    January						
October 2,280,508 2,565,052 2,533,461 2,589,956 2,487,455 November 2,261,979 2,414,876 2,575,661 2,601,535 2,524,860 December 2,325,753 2,457,996 2,555,196 2,568,242 2,584,341  Total. 25,394,292 27,582,927 26,712,905 28,551,514 30,080,248  EXPORTS TO THE UNITED STATES  Samesry 110,664 158,041 125,094 153,491 139,908 March 125,921 172,695 144,091 165,422 155,402 April 125,496 164,250 135,616 141,523 170,600 May 130,550 163,033 155,292 164,520 193,354 July 157,543 164,087 158,313 163,063 190,704 July 157,543 164,087 159,349 162,975 203,088 August 144,342 162,617 149,493 177,834 192,286 September 125,127 145,444 151,591 159,713 186,983 Getcher 128,223 142,786 165,299 155,247 185,983 Getcher 128,325 145,549 165,299 155,247 185,983 Getcher 128,327 145,549 165,299 155,247 185,983 Getcher 128,3070 159,093 181,290 150,133 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Jameary 1,298,872 1,344,387 1,455,998 1,488,480 1,727,442 March 1,387,512 1,552,912 1,573,900 1,613,989 1,835,439 April 1,355,605 1,510,508 1,480,284 1,550,142 1,835,439 June 1,355,605 1,510,508 1,480,284 1,550,142 1,835,439 June 1,355,605 1,510,508 1,480,284 1,550,142 1,835,439 July 1,359,445 1,510,368 1,460,584 1,560,386 1,941,629 July 1,359,445 1,510,368 1,460,584 1,563,886 1,943,692 July 1,359,445 1,510,368 1,460,594 1,560,786 June 1,555,075 1,555,879 1,661,371 1,600,9175 2,079,984 December 1,441,813 1,632,494 1,617,311 1,609,175 2,079,984 December 1,516,702 1,632,492 1,640,012 1,680,186 2,134,315		0° y				
November 2,261,979 2,414,876 2,575,861 2,501,555 2,524,860 December 2.752,763 8,457,996 2,555,196 2,536,242 2,584,341  Total 25,394,292 27,583,927 26,012,305 28,351,514 30,080,248  EXPORTS TO THE UNITED STATES	*					1
Total						1
Total   25,394,292   27,587,927   26,012,505   28,351,514   30,080,248						
Tangery						
Tangery	to tall	25,594,392	27,583,92	1 26,012,305	28,351,514	30,080,248
Total   10,684   188,041   185,094   153,491   139,908   130,908   125,921   172,695   144,091   165,422   155,402   155,402   125,496   164,250   185,616   141,523   170,600   182,354   144,091   165,422   155,402   193,354   193,355   193,366		E	EXPORTS TO THE	E UNITED STATES		
Total   10,684   188,041   185,094   153,491   139,908   130,908   125,921   172,695   144,091   165,422   155,402   155,402   125,496   164,250   185,616   141,523   170,600   182,354   144,091   165,422   155,402   193,354   193,355   193,366	lanuery	1118.050	184 973	757 680	1 10 KD 10 KD	7.65 000
March						
April 125,496 164,250 135,616 141,523 170,600 May 150,530 161,033 155,292 164,520 193,354 June 157,871 158,657 158,313 163,063 190,704 July 157,543 164,087 159,349 162,975 203,068 August 143,342 162,617 149,493 177,834 192,256 September 125,127 145,441 151,591 159,713 186,983 October 126,152 145,549 165,495 151,774 168,904 November 126,152 145,549 165,299 155,247 185,492 December 128,070 159,093 151,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,683 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,413,216 1,474.787 1,558,566 1,644,983 1,855,157 February 1,298,872 1,344,387 1,435,998 1,488,480 1,727,442 March 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439 April 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573 May 1,571,404 1,519,545 1,505,826 1,623,856 1,941,629 June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 July 1,359,445 1,510,365 1,466,399 1,587,154 1,892,596 August 1,386,797 1,543,699 1,513,479 1,641,340 1,940,992 September 1,417,821 1,573,502 1,537,426 1,668,186 1,933,692 Getober 1,4556,702 1,655,879 1,631,513 1,304,048 2,072,232 December 1,481,813 1,632,494 1,617,511 1,809,175 2,079,984 December 1,516,702 1,662,9452 1,664,0012 1,320,186 2,154,515						
May 130,530 161,033 155,292 164,520 193,354 June 157,871 158,657 158,313 165,063 190,704 July 157,543 164,087 159,349 162,973 203,058 August 143,342 162,617 149,493 177,834 192,236 September 125,127 145,441 151,591 159,713 186,983 Detember 126,152 145,549 165,299 155,247 186,983 Revember 126,152 145,549 165,299 155,247 186,949 Desember 128,070 159,093 161,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,413,216 1,474,787 1,558,576 1,644,983 1,855,157 Pebruary 1,298,872 1,344,387 1,435,998 1,488,480 1,727,442 March 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439 April 1,355,605 1,510,508 1,480,284 1,560,142 1,854,573 May 1,373,404 1,519,545 1,505,826 1,623,856 1,941,629 June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 July 1,359,445 1,510,365 1,466,399 1,587,154 1,992,596 August 1,386,797 1,543,699 1,513,477 1,641,340 1,940,992 September 1,417,821 1,573,502 1,537,426 1,668,186 1,933,692 Outober 1,553,075 1,655,879 1,561,515 1,304,048 2,072,232 December 1,481,813 1,832,494 1,517,311 1,809,175 2,079,984 L,516,702 1,629,452 1,640,012 1,820,186 2,154,515						
June   157,871   158,657   158,313   163,063   190,704   July   157,543   164,087   159,549   162,975   203,058   August   145,342   162,617   149,493   177,834   192,286   Detoher   129,323   142,736   165,495   151,794   168,904   November   126,152   145,549   165,299   155,247   185,492   December   128,070   159,093   161,290   150,138   199,866   Total   1,578,109   1,847,100   1,826,515   1,912,635   2,135,557    OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January   1,413,216   1,474,787   1,558,576   1,644,983   1,853,157   Pebruary   1,298,872   1,344,387   1,435,998   1,488,480   1,727,442   March   1,387,512   1,532,912   1,573,090   1,613,989   1,835,439   April   1,353,665   1,510,508   1,480,284   1,560,142   1,834,573   May   1,371,404   1,519,545   1,505,826   1,623,856   1,941,629   June   1,353,080   1,496,283   1,470,027   1,586,964   1,860,736   July   1,359,445   1,510,56b   1,466,399   1,587,154   1,892,596   August   1,386,797   1,543,699   1,513,479   1,641,540   1,940,992   September   1,417,821   1,573,502   1,537,426   1,668,186   1,933,692   October   1,458,075   1,665,879   1,661,515   1,304,048   2,072,232   November   1,481,813   1,632,494   1,617,311   1,809,175   2,079,984   December   1,516,702   1,662,452   1,640,012   1,820,186   2,134,315   Total   16,873,322   18,432,373   1,470,012   1,820,186   2,134,315						
July 157,543 164,087 159,349 162,973 203,058 August 143,342 162,617 149,493 177,834 192,256 September 125,127 145,441 151,591 159,712 186,983 October 126,152 145,549 165,299 155,247 185,492 December 128,070 159,093 161,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,635 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Jamuary 1,298,872 1,344,387 1,425,998 1,488,480 1,727,442 March 1,387,512 1,552,912 1,573,090 1,613,989 1,855,439 April 1,553,605 1,510,508 1,480,284 1,560,142 1,834,573 May 1,371,404 1,519,545 1,505,826 1,623,856 1,941,629 June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 July 1,359,445 1,510,365 1,466,399 1,587,154 1,992,596 August 1,586,797 1,543,699 1,518,479 1,641,340 1,940,992 September 1,417,821 1,573,502 1,557,426 1,668,186 1,933,692 Getober 1,516,702 1,652,494 1,617,311 1,809,175 2,079,984 December 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984 December 1,516,702 1,652,452 1,640,012 1,880,175 2,079,984	-		_			
August 143,342 162,617 149,493 177,854 192,236 September 125,127 145,441 151,591 159,713 186,983 Detoher 129,325 142,736 165,455 151,794 168,904 November 126,152 145,549 165,299 155,247 185,492 Detember 128,070 159,093 161,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Jamuary 1,413,216 1,474,787 1,558,576 1,644,983 1,853,157 February 1,298,872 1,344,387 1,435,998 1,488,480 1,727,442 March 1,387,512 1,532,912 1,5773,090 1,613,989 1,835,439 April 1,353,605 1,510,508 1,490,284 1,560,142 1,834,573 May 1,371,404 1,519,545 1,505,826 1,623,856 1,941,629 June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 July 1,359,445 1,510,365 1,466,399 1,587,154 1,892,596 August 1,386,797 1,543,699 1,513,479 1,641,340 1,940,992 September 1,417,821 1,573,502 1,587,426 1,668,186 1,933,692 Getober 1,553,075 1,655,879 1,651,513 1,804,048 2,072,232 November 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984 December 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315						
September   125,127   145,441   151,691   159,713   186,983   129,323   142,736   165,455   151,794   168,904   126,152   145,549   165,299   155,247   185,492   128,070   159,093   161,290   150,138   199,866   128,070   159,093   161,290   150,138   199,866   128,070   159,093   161,290   150,138   199,866   163,299   150,138   199,866   163,290   150,138   199,866   163,290   150,138   199,866   163,290   150,138   199,866   163,290   150,138   199,866   163,290   150,138   199,866   163,290   16						203,058
129,323						192,236
November 126,152 145,549 165,299 155,247 185,492 128,070 159,093 161,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,413,216 1,474,787 1,558,576 1,644,983 1,853,157  February 1,298,872 1,344,387 1,425,998 1,488,480 1,727,442  March 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439  April 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573  May 1,371,404 1,519,545 1,505,826 1,623,856 1,941,629  June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736  July 1,359,445 1,510,365 1,466,399 1,513,479 1,641,340 1,940,992  September 1,417,821 1,573,502 1,537,426 1,668,186 1,933,692  Getober 1,533,075 1,655,879 1,651,513 1,809,175 2,079,984  December 1,516,702 1,629,452 1,617,311 1,809,175 2,079,984  Locember 1,516,702 1,629,452 1,644,012 1,820,186 2,134,315						186,983
Desember 128,070 159,093 161,290 150,138 199,866  Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,413,216 1,474,787 1,558,576 2,644,983 1,853,157  February 1,298,872 1,344,387 1,435,998 1,488,480 1,727,442  March 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439  May 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573  May 1,371,404 1,519,545 1,505,826 1,623,856 1,941,629  June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736  July 1,359,445 1,510,365 1,466,399 1,587,154 1,992,596  August 1,386,797 1,543,699 1,513,479 1,641,340 1,940,992  September 1,417,821 1,573,502 1,537,426 1,668,186 1,933,692  Getober 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984  December 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315						168,904
Total 1,578,109 1,847,100 1,826,515 1,912,633 2,135,557  OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  January 1,413,216 1,474,787 1,558,5 % 1,644,983 1,853,157  Tebruary 1,298,872 1,344,387 1,435,998 1,488,480 1,727,442  March 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439  April 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573  May 1,371,404 1,519,545 1,505,826 1,623,856 1,941,629  June 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736  July 1,359,445 1,510,365 1,466,399 1,587,154 1,892,596  July 1,369,445 1,510,365 1,466,399 1,587,154 1,992,596  August 1,386,797 1,543,699 1,513,479 1,641,340 1,940,992  September 1,417,821 1,573,502 1,537,426 1,668,186 1,933,692  Outober 1,553,075 1,655,879 1,651,513 1,804,048 2,072,232  November 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984  December 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315						
OUTPUT LESS EXPORTS AND DELIVERIES TO ELECTRIC BOILERS  Lanuary	Activities T	120,010	128,093	1.51., 290	150,138	199,866
January         1,413,216         1,474,787         1,558,576         1,644,983         1,853,157           February         1,298,872         1,344,387         1,435,998         1,488,480         1,727,442           March         1,387,512         1,532,912         1,573,090         1,613,989         1,835,439           April         1,353,605         1,510,508         1,480,284         1,560,142         1,834,573           May         1,371,404         1,519,545         1,505,826         1,623,856         1,941,629           June         1,353,080         1,496,283         1,470,027         1,586,964         1,860,736           July         1,359,445         1,510,365         1,466,399         1,587,154         1,892,596           August         1,386,797         1,543,699         1,513,479         1,641,340         1,940,992           September         1,417,821         1,573,502         1,537,426         1,668,186         1,933,692           Rovember         1,481,813         1,655,879         1,631,513         1,809,175         2,079,984           December         1,516,702         1,629,452         1,640,012         1,820,186         2,134,315	Total	1,578,109	1,847,100	1.,826.,515	1,912,633	2,135,557
February       1,298,872       1,344,387       1,435,998       1,488,480       1,727,442         March       1,387,512       1,532,912       1,573,090       1,613,989       1,835,439         April       1,353,605       1,510,508       1,480,284       1,560,142       1,834,573         May       1,371,404       1,519,545       1,505,826       1,623,856       1,941,629         June       1,353,080       1,496,283       1,470,027       1,586,964       1,860,736         July       1,359,445       1,510,365       1,466,399       1,587,154       1,892,596         August       1,386,797       1,543,699       1,513,479       1,641,340       1,940,992         September       1,417,821       1,573,502       1,537,426       1,668,186       1,933,692         Getober       1,533,075       1,655,879       1,631,513       1,304,048       2,072,232         November       1,481,813       1,632,494       1,617,311       1,809,175       2,079,984         December       1,516,702       1,629,452       1,640,012       1,820,186       2,134,315				DELIVERLES TO	ELECTRIC BOILE	RS
## Paperdary   1,298,872   1,344,387   1,425,998   1,488,480   1,727,442   1,387,512   1,532,912   1,573,090   1,613,989   1,835,439   1,353,605   1,510,508   1,480,284   1,560,142   1,834,573   1,505,826   1,623,856   1,941,629   1,353,080   1,496,293   1,470,027   1,586,964   1,860,736   1,359,445   1,510,365   1,466,399   1,587,154   1,892,596   1,513,479   1,641,340   1,940,992   1,533,075   1,655,879   1,631,513   1,668,186   1,943,692   1,481,813   1,632,494   1,617,311   1,809,175   2,079,984   2,134,315   1,516,702   1,629,452   1,640,012   1,820,186   2,134,315   1,809,175   1,516,702   1,629,452   1,640,012   1,820,186   2,134,315   1,809,175   1,514,315   1,809,175   1,514,315   1,809,175   1,640,012   1,820,186   2,134,315   1,809,175   1,809,175   1,516,702   1,629,452   1,640,012   1,820,186   2,134,315   1,809,175   1,8					1.,644,983	1,853,157
April 1,387,512 1,532,912 1,573,090 1,613,989 1,835,439 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573 1,505,826 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 1,359,445 1,510,365 1,466,399 1,587,154 1,940,992 1,513,479 1,541,340 1,940,992 1,513,075 1,655,879 1,631,513 1,668,186 1,943,692 1,638,075 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984 2,134,315	-		1.,344,387	1,435,998		
April 1,353,605 1,510,508 1,480,284 1,560,142 1,834,573 1,505,826 1,353,080 1,496,283 1,470,027 1,586,964 1,860,736 1,359,445 1,510,365 1,466,399 1,587,154 1,892,596 1,513,479 1,641,340 1,940,992 1,417,821 1,575,502 1,537,426 1,668,186 1,933,692 1,533,075 1,655,879 1,631,513 1,804,048 2,072,232 1,617,311 1,809,175 2,079,984 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315						
May       1,371,404       1,519,545       1,505,826       1,623,856       1,941,629         July       1,353,080       1,496,283       1,470,027       1,586,964       1,860,736         August       1,386,797       1,543,699       1,513,479       1,641,340       1,940,992         September       1,417,821       1,575,502       1,537,426       1,668,186       1,933,692         Getober       1,533,075       1,655,879       1,631,513       1,804,048       2,072,232         November       1,481,813       1,632,494       1,617,311       1,809,175       2,079,984         December       1,516,702       1,629,452       1,640,012       1,820,186       2,134,315			1,510,508			
June       1,353,080       1,496,283       1,470,027       1,586,964       1,860,736         July       1,359,445       1,510,365       1,466,399       1,587,154       1,892,596         August       1,386,797       1,543,699       1,513,479       1,641,340       1,940,992         September       1,417,821       1,575,502       1,537,426       1,668,186       1,933,692         October       1,533,075       1,655,879       1,631,513       1,304,048       2,072,232         November       1,481,813       1,632,494       1,617,311       1,809,175       2,079,984         December       1,516,702       1,629,452       1,640,012       1,820,186       2,134,315			1,51.9,545			
July       1,359,445       1,510,365       1,466,399       1,587,154       1,892,596         August       1,386,797       1,543,699       1,513,479       1,641,340       1,940,992         September       1,417,821       1,573,502       1,537,426       1,668,186       1,933,692         October       1,533,075       1,655,879       1,631,513       1,304,048       2,072,232         November       1,481,813       1,632,494       1,617,311       1,809,175       2,079,984         December       1,516,702       1,629,452       1,640,012       1,820,186       2,134,315		1,353,080		1,470,027		
August 1,386,797 1,543,699 1,513,479 1,641,340 1,940,992 1,533,075 1,655,879 1,651,513 1,804,048 2,072,232 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315		1,359,445		1,466,399		
September       1,417,821       1,573,502       1,537,426       1,668,186       1,933,692         Getober       1,533,075       1,655,879       1,631,513       1,304,048       2,072,232         November       1,481,813       1,632,494       1,617,311       1,809,175       2,079,984         December       1,516,702       1,629,452       1,640,012       1,820,186       2,134,315		1, 386, 797				
Getober         1,533,075         1,655,879         1,631,513         1,804,048         2,072,232           November         1,481,813         1,632,494         1,617,311         1,809,175         2,079,984           1,516,702         1,629,452         1,640,012         1,820,186         2,134,315				1,537,426		
November 1,481,813 1,632,494 1,617,311 1,809,175 2,079,984 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315					-	
December 1,516,702 1,629,452 1,640,012 1,820,186 2,134,315	November					
Total 16.873 342 19.422 072 10.474 040	December					
	Total	16,873,342				

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DEPT. OF POLITICAL SCIENCE

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### January, 1941.

During January, 1941 the stations produced a total of 2,634,695,000 kw.h., the greatest January output to date, and an increase of 4.3 per cent over the total of 2,526,143,000 kw.h. for January, 1941.

Exports to the United States amounted to 192,470,000 kw.h., including 118,658,000 kw.h. of firm power and 73,812,000 kw.h. of secondary power.

Firm power produced for use in Canada increased from 1,853,157,000 kw.h. in January, 1940 to 2,188,075,000 kw.h., which was larger than the previous high record made in December, 1940 by 53,760,000 kw.h.

The index numbers for monthly outputs and for monthly consumptions of firm power have been recalculated. The base period has been changed from 1926 to 1935-39 and the period used for measuring seasonal variations has been changed from 1924-36 to 1933-39. This latter period was one of almost continuous increase for both series and except for the dip in 1938 the increases were fairly constant.

In this January report the index numbers for 1939, 1940 and 1941 are shown on the new base.

The reporting form for January was enlarged to include in addition to output, exports to the United States, and deliveries of secondary power to electric boilers — (a) power interchanged between systems, (b) system peak loads, (c) maximum possible output with equipment and water available.

All reports for January were not complete and consequently these details could not be included in this report, but a revised report showing additional data will be issued later.

Month of

(Thousands of

	-		
	Total	Prince Edward Island	Nova Scotia
Production - Hydraulic	2,578,054	18 734	27,167
Thermal Total	56,641 2,634,695	752	13,074
Receipts from other provinces	291,455	-	-
Total Power	2,926,150	752	40,241
Deliveries to other provinces	291,455	-	-
Exports to U.S.A.	110.450		
Firm Power Secondary	118,658 73,812	_	-
Total	192,470	ate	_
Total Deliveries	483,925		-
Net Consumption	2,442,225	752	40,241
Secondary Power			
For Boilers in Canada For other uses in "	179,161	-	-
Total	74,989 254,150	-	
Net consumption of Firm Power	2,188,075	752	40,241
CUMULATIVE PRODUCTION TOTALS. January -			
Firm Power 1940 1941	1,973,127 2,306,733	606 752	36,367 40.241
Secondary Power 1940 (incl. Exports to U.S. 1941		#0 #0	-
Total 1940 1941	2,526,143 2,634,695	606 752	36,367 40,241
DAILY AVERAGE CONSUMPTION OF FIRM POWER (OUT		TO U. S. A	
January 1940	59,778	20	1,173
1941	70,583	24	1,298

#### INDEX NUMBERS

(Average 1935-39 \*100)

	January	February	March	April	May	June
Commenter and Collection and Collection of C			TOTAL C	UTPUT		
1939 1940 1941	105.7 111.9 116.7	106.4	104.1	102.9	107.4 123.0	108.2
		OUTPUT LES	S EXPORTS AN	D SECONDARY	POWER	
1939 1940 1941	106.5 120.0 141.7	106.5 123.7	106.1	107.8 126.8	109.7	110.6

January, 1941

Kilowatt hours)

 		T				
New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
37,806 7,665	1,350,428	814,951	122,728	33,386 16,816	11,048 15,863	180,522
45,471	1,350,870	815,051	122,915	50,202	26,911	182,282
563	12,107	276,809	-	-	1,976	-
46,034	1,362,977	1,091,860	122,915	50,202	28,887	182,282
*	277,372	12,107	-	-	-	1,976
2,812	54,878	60,815 73,812	101	-	-	52
2,812	54,878	134,627	101	-	-	52
2,812	332,250	146,734	101	-	dir	2,028
43,222	1,030,727	945,126	122,814	50,202	28,887	180,254
3,926	119,202 22,147	23,345 49,933	32,418 2,909	-	-	270
3,926	141,349	73,278	35,327	-	_	270
39,296	889,378	871,848	87,487	50,202	28,887	179,984
35,749 41,545	960,380 1,209,521	607,800 667,961	<b>86,052</b> 87,588	<b>49,594</b> 50,202	24,693 26,911	171,886 182,012
375 3,926	359,063 141,349	140,558 147,090	52,784 35,327	-	-	236
36,124 45,471	1,319,443 1,350,870	748,358 815,051	138,836 122,915	49,594 50,202	24,693 26,911	172,122 182,282
AND SECON	DARY POWER)					
1,094	20,673	26,106 28,124	2,773 2,822	1,600 1,619	859 932	<b>5,4</b> 80 <b>5,</b> 806

#### INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
108.4 128.6	109.5	113.1 114.0	0UTPUT 113.3 108.8	112.3	109.4	
***************************************	UTPUT LESS E			109.0	111.4	
110.9	112.3 132.8	113.4 131.5	114.4	116.6	116.7	

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,69
February	2,146,578	2,057,598	2,214,174	2,367,031	
March	2,412,259	2,258,197	2,366,740	2,426,157	
April					
A	2,322,884	2,063,801	2,197,379	2,398,722	
lay	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661			
December			2,601,536	2,524,860	
Principal and the second secon	2,457,996	2,353,196	2,536,242	2,584,341	AND AND A YESTER OLD ASSISTANCE OF A SECRETARION OF THE SECRETARION OF
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
	EXPORT	'S TO THE UNITE	D STATES		
		,	1		
January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	
March	172,695	144,091	165,422	155,402	
April					
	164,250	135,616	141,523	170,600	
lay	161,033	155,292	164,520	193,354	
June	158,657	158,313	163,063	190,704	
July	164,057	159,349	162,973	203,058	
August	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	· ·	
October				186,983	
November	142,736	165,455	151,794	168,904	
	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135.557	
0)	UTPUT LESS EXP	ORTS AND SECON	DARY POWER		
			3 644 000	1,853,157	2,188,075
	1,474,787	1,558,575	1,644,983		1
	1,474,787				
Pebruary	1,344,387	1,435,998	1,488,480	1,727,442	ap or other control of the control o
February March	1,344,387	1,435,998 1,573,090	1,488,480 1,613,989	1,727,442	
February March April	1,344,387 1,532,912 1,510,508	1,435,998 1,573,090 1,480,284	1,488,480 1,613,989 1,560,142	1,727,442 1,835,439 1,834,573	
February March April May	1,344,387 1,532,912 1,510,508 1,519,545	1,435,998 1,573,090 1,480,284 1,505,826	1,488,480 1,613,989 1,560,142 1,623,856	1,727,442 1,835,439 1,834,573 1,941,629	
Tebruary March April May Mune	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736	
Tebruary March April May Tune Tuly	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365	1,435,998 1,573,090 1,480,284 1,505,826	1,488,480 1,613,989 1,560,142 1,623,856	1,727,442 1,835,439 1,834,573 1,941,629	
Tebruary March Maril May Tune Muly Mugust	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596	
Tebruary March Maril May Tune Muly Mugust	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992	
January February March April May June July August September	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692	
Tebruary March April May Vune Vuly August September	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232	
Cebruary  March  April  May  Mune  Muly  Mugust  Mugust  Mortober  Movember	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048 1,809,175	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232 2,079,984	
Tebruary March April May June July August September	1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232	

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Minister of Trade and Commerce.

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH

OTTAWA

DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA February, 1941.

Central electric stations in Canada produced 2,407,068,000 kw.h. in February compared with 2,367,031,000 kw.h. in February 1940 (29 days), and 2,634,695,000 kw.h. in January 1941. The index number dropped from 116.7 in January to 115.7.

This drop was all in secondary power, however, the consumption of firm power in Canada amounting to 2,008,725,000 kw.h. and increasing from a daily average of 70,583,000 kw.h. in January to 71,740,000 kw.h., and the index number rising from 141.7 to 143.8 which is the highest on record.

Exports to the United States amounted to 111,030,000 kw.h. of firm power and 65,613,000 kw.h. of secondary power or a total of 176,643,000 kw.h. as against 139,908,000 kw.h. in February 1940.

The production of secondary power included 151,710,000 kw.h. for boilers, and 69,990,000 kw.h. for other uses in Canada or a total of 221,700,000 kw.h. for use in Canada plus 65,613,000 kw.h. for export to the United States.

25/3/41.

Price per year 50 cents.

Month of

(Thousands of

	Total	Prince Edward Island	Nova Scotia	
Production - Hydraulic Thermal Total	2,353,510 53,558 2,407,068	17 738 755	23,294 13,246 36,540	
Receipts from other Provinces			3 ,,,	
			2/ 540	
Output bing Receibts	-	155	36,540	
Deliveries to other Provinces			-	
Exports to U.S.A.  Firm Power  Secondary	111,030 65,613	danir dani	dia-	
Total	176,643	to-	-	
Total Deliveries		On One	-	
Net consumption in Canada	2,230,425	755	36,540	
Secondary Power For Boilers For other uses in Canada Total	151,710 69,990 221,700			
Not comment on all min				
Net consumption of Firm Power	2,008,725	755	36,540	
CUMULATIVE PRODUCTION TOTALS. January	& February			
Firm Power 1940 1941	3,809,525 4,500,300	1,187	66,16 <b>4</b> 76,781	
Secondary Power 1940 (incl.Exp.to U.S 1941	.A)1,083,649 541,463	-	-	
Total 1940 1941	4,893,174 5,041,763	1,187 1,507	66,164 76,781	
DAILY AVERAGE CONSUMPTION OF FIRM POWE	R (OUTPUT LESS	EXPORTS TO	U.S.A.	
	59,567	20 27	1,028	
	Thermal Total  Receipts from other Provinces  Output plus Receipts  Deliveries to other Provinces  Exports to U.S.A.  Firm Power Secondary Total  Total Deliveries  Net consumption in Canada  Secondary Power For Boilers For other uses in Canada  Total  Net consumption of Firm Power  CUMULATIVE PRODUCTION TOTALS. January  Firm Power 1940 1941  Secondary Power 1940 (incl.Exp.to U.S. 1941  Total 1940 1941  DAILY AVERAGE CONSUMPTION OF FIRM POWER  1940 1941	Production - Hydraulic	Production - Hydraulic	Production - Hydraulic

#### INDEX NUMBERS

(Average 1935-39 \*100)

	January	February	March	April	May	June	
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8	102.9 112.3	107.4 123.0	108.2 124.2	
1939 1940 1941	106.5 120.0 141.7	106.5 123.7 143.8	106.1 120.7	107.8 126.8	109.7 131.2	110.6	

STATION DATA

February, 1941

Kilowatt hours)

	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Ålberta	British Columbia
	24 <b>,686</b> 7,663	1,244,540	748,461	104,021	36,165 15,204	9,259	169,067
	32,349	1,245,045	748,461	104,209	45,369	23,089	2,184 171,251
	455	12,044	256,489	69	6	1,786	ų da
	32,804	1,257,089	1,004,950	104,209	45,369	24.875	171,251
	bas .	256,944	12,044	65	64		1,786
	2,110	49,876	58,907 65,613	91	en en	den.	46
	2,110	49,876	124,520	91	@c	G.	46
	2,110	306,820	136,564	91	Gora	-	1,832
	30,694	950,269	868,386	104,118	45,369	24,875	169,419
	259	108,003	19,772 45,575	23 <b>,420</b> 2,942	an an	Boo dito	256
	259	129,476	65,347	26,362	60		256
Comment	30,435	820,793	803,039	77,756	45.369	24,875	169,163
	62,844 73,635	1,868,892	1,170,763	165,634	95,430 95,571	46,840 50,000	331,771 353 007
	375 4,185	722,068 270,825	256,034 204,238	104,679	0.0	The same of the sa	493 526
	63,219 77,820	2,590,960 2,595,915	1,426,797 1,563,512	270,313 227,124	95,430 95,571	<b>46,840</b> 50,000	332,264 353,533
	AND SECO	NDARY POWER)					
	873 1,087	21,086 29,314	25, <b>9</b> 63 28,680	2,741 2,777	1,581 1,620	888	5,439 6,042

#### INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
108.4 128.6	109.5 119.4	113.1 114.0	113.3 108.8	112.3	109.4 111.4	
110.9	UTPUT LESS E	XPORTS AND S	ECONDARY POW	ER 116.6	774	
132.3	132.8	131.5	131.5	134.1	116.7	

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	J639	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259				2,407,000
		2,258,197	2,366,740	2,426,157	
April	2,312,884	0,063,301	2,197,379	2,398,722	
May	2,301,167	2,081,935	2,333,443	2,671,567	1
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27,583,927	form or i comment there is no			
" first 2 "	4,464,454	26,012,805	28,351,514	30,080,248	
Compared to the state of the st	1	7,341,207	4,601,-33	4,893,174	5,041,763
March April May June July August September	172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736	144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455	165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794	155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904	
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 2 "	272,972	280,626	320,406	288,958	369,113
01	UTPUT'LESS EXF	PORTS AND SECON	DARY POWER		
Samusry	1,474,787	1,558,575	1,644,983	1,853,157	2,188,075
Tebruary	1,344,387	1,435,998	1,488,480	1,727,442	2,008,725
larch	1,532,912	1,573,090	1,613,989	1;835,439	2,000,125
lpril	1,510,508	1,480,284			
lay			1,560,142	1,834,573	
	1,519,545	1,505,826	1,623,856	1,941,629	
une	1,496,283	1,470,027	1,586,964	1,860,736	
uly	1,510,365	1,466,399	1,587,154	1,892,596	
	1,543,699	1,518,478	1,641,330	1,940,992	
logust		1,537,426	1,668,186	1,933,692	
	1 2.373.3UZ				
September	1,573,502		COA CAB		
September October	1,655,879	1,831,513	1,804,048	2,072,232	
September October Jovember	1,632,494	1,631,513	1,809,175	2,079,984	
September October Jovember	1,655,879	1,831,513			
September October Sovember Setsmber Total 12 months	1,632,494	1,631,513	1,809,175	2,079,984 2,134,315	
Avgust September October November Detamber Total 12 months # first 2 **	1,635,870	1,631,513 1,617,311 1,640,015	1,809,175	2,079,984	4,196,800

DEPT. OF FOLITICAL SCIENCE

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA March, 1941.

The output of central electric stations for March amounted to 2,631,809,000 kw.h. which has been exceeded only twice, namely in May 1940 and January 1941. The production of firm power for consumption in Canada, however, reached a new high point at 2,194,373,000 kw.h. compared with 2,008,725,000 kw.h. in February and 2,188,075,000 kw.h. in January, the previous peak. The index number for this firm power also reached a new high point at 144.3 as against 120.7 for March 1940 and 106.1 for March 1939.

Exports to the United States increased from 176,643,000 kw.h. in February to 201,613,000 kw.h., the increase (on a daily basis) being all in secondary power.

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A B	Production - Hydraulic Thermal	2,578,206 53,603	1 <b>4</b> 651	24,119 14,463
C (A + B)	Total	2,631,809	665	38,582
D	Receipts from other Provinces		• • •	• • •
E (C + D)	Output plus Receipts		665	38,582
F	Deliveries to other Provinces		• • •	• • •
G	Exports to U.S.A.  Firm Power Secondary	121,290 80,323	• • •	• • •
I (G + H)	Total	201,613	• • •	• • •
J (F + I)	Total Deliveries		• • •	• • •
K (E - J)	Net consumption in Canada	2,430,196	665	38,582
L	Secondary Power  For Boilers  For other uses in Canada	158,893 76,930	0 0 0	
N (L + M)	Total	235,823	• • •	• • •
0 (K - N)	Net consumption of Firm Power	2,194,373	665	38,582
	CUMULATIVE PRODUCTION TOTALS. Januar	y - March		
P	Firm Power 1940 1941	5,620,320 6,742,151	1,705 2,172	99,582 115,363
R	Secondary Power 1940 (1) 1941 (1)	1,699,011	• • •	• • •
T (P + R) U (Q + S)	Total 1940 1941	7,319,331 7,673,572	1,705 2,172	99,582 115,363
	DAILY AVERAGE CONSUMPTION OF FIRM PO	WER (OUTPUT L	ESS EXPORTS T	0 U.S.A.)
V (Aveg.	2040	59,208 70,786	17 22	1,078 1,245

(1) Includes secondary power exported to U.S.A.

INDEX NUMBERS

(Average 1935-39 =100)

	January	February	March	April	May	June
			TOTAL C	UTPUT		
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9	107.4 123.0	108.2
		OUTPUT LES	S EXPORTS AN	D SECONDARY	POWER	
1939 1940 1941	106.5 120.0 141.7	106.5 123.7 143.8	106.1 120.7 144.3	107.8	109.7	110.6

#### STATION DATA

March, 1941

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
22,705 7,630	1,373,784	806,050	116,970 266	33,316 15,508	9,825 13,703	191,423
30,335	1,374,267	806,050	117,236	48,824	23,528	192,322
535	13,752	280,640	000	• • •	1,980	•••
30,870	1,388,019	1,086,690	117,236	48,824	25,508	192,322
• • •	281,175	13,752	0 0 0	• • •	0 0 0	1,980
2,711	55,235	63,21 <b>4</b> 80,323	92		• • •	38
2,711	55,235	143,537	92	0 1 0		38
2,711	336,410	157,289	92		• • •	2,018
28,159	1,051,609	929,401	117,144	48,824	25,508	190,304
• • •	97,624 24,410	35,379 50,011	25,596 2,509	0 0 0	• • •	294
• • •	122,034	85,390	28,105			294
28,159	929,575	844,011	89,039	48,824	25,508	190,010
91,068 103,970	2,843,415 3,577,323	1,628,482 1,925,798	242,977 254,567	142,054 144,395	68,028 73,528	503,00 <b>9</b> 545,035
375 4,185	1,031,906 392,859	505,889 443,764	160,095		0 0 0	746 820
91,443 108,155	3,875,321 3,970,182	2,134,371 2,369,562	403,072 344,360	142,054 144,395	68,028 73,528	503,755 545,855
856 908	21,205 29,986	25,686 27,226	2,656 2,872	1,504 1,575	<b>749</b> 823	5, <b>457</b> 6,129

#### INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	November	December	
108.4	109.5	113.1 114.0	113.3 108.8	112.3	109.4	
110.9	UTPUT LESS E 112.3 132.8	113.4 131.5	ECONDARY POW	116.6 134.1	116.7	

Month	1937	1938	1939	1940	1941
January	2,317,906	2 202 603	2 296 070	0 506 140	2 624 605
		2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	2,426,157	2,631,809
April	2,322,884	2,063,801	2,197,379	2,398,722	
May	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844		
August				2,615,232	
	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,661	2,601,536	2,524,860	
December	2,457,996	2,353,196	2,536,242	2,584,341	
Total 12 months	27.583.927	26,012,805	28,351,514	30,080,248	
" first 3 "	6,947,528	6,599,486	6,967,893	7,319,331	7,673,572
	0,517,000	0,000,100	0,001,000	7,013,331	1,013,312
	EXPORT	'S TO THE UNITE	D STATES		
January	134,931	157 522	366 035	7.40.050	100 470
· ·		157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
pril	164,250	135,616	141,523	170,600	
la y	161,033	155,292	164,520	193,354	
une	158,657	158,313	163,063		
uly				190,704	
	164,057	159,349	162,973	203,058	
lugust	162,617	149,493	177,824	192,236	
September	143,441	151,691	159,713	186,983	
ctober	142,736	165,455	151,794	168,904	
November	145,549	165,299	155,247	185,492	
ecember	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
" first 3 "	445,667	424,717	485,828	444,360	570,726
Ol	UTPUT LESS EXP	ORTS AND SECON	DARY POWER		
				1,852,157	2 188 075
anuary	1,474,787	1,558,575	1,644,983	1,853,157	
anuary ebruary	1,474,787 1,344,387	1,558,575 1,435,998	1,644,983 1,488,480	1,727,442	2,008,725
anuary ebruary arch	1,474,787 1,344,387 1,532,912	1,558,575 1,435,998 1,573,090	1,644,983 1,488,480 1,613,989	1,727,442 1,835,439	2,008,725
anuary ebruary arch pril	1,474,787 1,344,387 1,532,912 1,510,508	1,558,575 1,435,998 1,573,090 1,480,284	1,644,983 1,488,480 1,613,989 1,560,142	1,727,442 1,835,439 1,834,573	2,008,725
anuary Pebruary arch pril ay	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856	1,727,442 1,835,439	2,008,725
anuary ebruary arch pril ay une	1,474,787 1,344,387 1,532,912 1,510,508	1,558,575 1,435,998 1,573,090 1,480,284	1,644,983 1,488,480 1,613,989 1,560,142	1,727,442 1,835,439 1,834,573 1,941,629	2,008,725
anuary ebruary arch pril ay une	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736	2,008,725
anuary ebruary arch pril ay une	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596	2,008,725
anuary Cebruary larch Lpril Lay Lune Lune Lune Lune Lune Lune Lune Lune	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992	2,188,075 2,008,725 2,194,373
anuary Cebruary Larch Larch Lay	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692	2,008,725
anuary Cebruary Larch Larch Lay	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232	2,008,725
anuary Cebruary larch Larch Lay Lune Luly Lugust Leptember Lotober Lovember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692	2,008,725
anuary Cebruary larch Larch Lay Lune Luly Lugust Leptember Lotober Lovember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232	2,008,725
anuary Cebruary larch Larch Lay Lune Luly Lugust Leptember Lotober Lovember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494 1,629,452	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311 1,640,012	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048 1,809,175 1,820,186	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232 2,079,984 2,134,315	2,008,725
anuary Cebruary Carch Lpril Lay Lune Luly Lugust Leptember Lotober Lovember Lecember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513 1,617,311	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048 1,809,175	1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232 2,079,984	2,008,725

## DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

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Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA April, 1941.

The output of central electric stations reached a new high record in April at 2,693,353,000 kw.h. as compared with 2,631,809,000 kw.h. in March and 2,398,722,000 kw.h. in April 1940. The average daily output was 5.7 p.c. above the March average.

Production of secondary power increased to 335,398,000 kw.h. for use in Canada and 93,998,000 kw.h. for export, a total of 429.396,000 kw.h. as against 316,146,000 kw.h. in March, but in April 1940 the production was 495,872,000 kw.h. (revised). Water conditions accounted for the March to April increase.

Exports to the United States amounted to 211,594,000 kw.h., the increase over March export of 201,613,000 kw.h. being all secondary power.

Consumption of firm power in Canada amounted to 2,146,361,000 kw.h. or a daily average of 71,545,000 kw.h., the highest yet reached, and the index number adjusted for uneven months and other seasonal factors reached a new high peak at 148.3 or 4 points above the previous peak made in March 1941.

26/5/41.

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A B	Production - Hydraulic Thermal	2,640,219 53,134	18 <b>6</b> 95	27,047 13,660
C (A + B)	Total	2,693,353	713	40,707
D	Receipts from other Provinces		0 0 0	0.7.0
E (C + D)	Output plus Receipts	Application and the second sec	713	40,707
F	Deliveries to other Provinces	William of the control of the contro	C + F	
G H	Exports to U.S.A.  Firm Power  Secondary	117,596 93,998	• • • • • •	5 6 B
I (G + H)	Total	211,594		4 6 9
J (F + I)	Total Deliveries		0 0 0	0 0 0
K (E - J)	Net consumption in Canada	2,481,759	713	40,707
L	Secondary Power  For Boilers  For other uses in Canada	261,119 74,279	7 0 0 8 C 0	0 0 0
11 (L + M)	Total	335,398	. 0 3	007
0 (K - N)	Net consumption of Firm Power	2,146,361	713	40,707
	CUMULATIVE PRODUCTION TOTALS. Janua	ary - April		
P Q	Firm Power 1940 1941	7,523,170 9,006,114	2 <sub>11</sub> 241 2 <sub>11</sub> 885	135,159 156,070
R	Secondary Power 1940 (1) 1941 (1)	2,194,883 1.360.817	e	0 0 9
T (P + R) U (Q + S)	Total 1940 1941	9,718,053 10,366,931	2,241 2,885	135,159 156,070
	DAILY AVERAGE CONSUMPTION OF FIRM PO	OWER (OUTPUT LES	S EXPORTS TO	U.S.A.)
V (Aveg.	of 0) April 1940 " " 1941	59,488 71,545	18 24	1,186 1,357
T (P + R) U (Q + S) V (Aveg.	1941 (1)  Total 1940 1941  DAILY AVERAGE CONSUMPTION OF FIRM POOF (0)  April 1940 1941	1,360,817 9,718,053 10,366,931 DWER (OUTPUT LES 59,488	2,241 2,885 SS EXPORTS TO	135,159 156,070 U·S·A·) 1,186

(1) Includes secondary power exported to U.S.A.

#### INDEX NUMBERS

(Average 1935-39 = 100)

	January	February	March	April	May	June
			TOTAL OU	TPUT		
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0	108.2
		OUTPUT LE	SS EXPORTS	AND SECONDAP	RY POWER	
1939 1940 1941	106.5 120.0 141.7	106.5 123.7 143.8	106.1 120.7 144.3	107.8 126.8 148.3	109.7	110.6

STATION DATA

April, 1941

Kilowatt hours)

	1	1	The second secon			
New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
31,441 6,715	1,431,768 454	793,916	121,882 254	31,489 14,900	9,383 13,739	193,275
38,156	1,432,222	793,916	122,136	46,389	23,122	195,992
585	14,095	281,081		• • •	1,760	0 0 0
38,741	1,446,317	1,074,997	122,136	45,389	24,882	193,992
	281,666	14.095	3 7 \$	) 3 0	2 - 0	1,760
2,511	50,808	64,15a	82	000	4 9 C	4]
2,511	30,000	158,152	82	2 2 6	3 () ()	41
2,511	332,474	172,247	22	~ >	6 C C	1,801
36,230	1,113,843	902,750	122,054	46,383	24,882	194,191
58	195,275 23,874	32,045 45,056	35,446	000	# \$ 0 0 6 6	295
56	219,140	80,101	35 73	9.0	5 G G	295
36,172	894,694	822,649	96,259	46,339	24,882	193,896
129,657 142,068	3,824,300 4,790,495	2,164,215 2,545,515	322,030 340,908	186,031 190,784	87,894 96,650	671,643 740,739
2,911	1,292,962 612,009	693,950 617,863	204,046 125,588	9 0 0	0 0 0	1,014
132,568 146,311	5,117,262 5,402,504	2,858,165 3,163,378	526,076 466,496	18:,031	87,894 96,650	672,657 741,853
1,238 1,206	25,053 29,823	21,612 27,482	24603 2,875	1,466 1,546	719 829	5,563 6,463

#### INDEX NUMBERS

(Average 1935-39 = 100)

July	August	September	October	No eror	December	
108.4	109,5	113.1 114.0	113.3 108.8	112.3 109.6	109.4	
110.9	OUTP	UT LESS EXPO	.14.4	NDARY POWER	116.7	

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

	1937	1938	1939	1940	1941
January	2,317,906	2,283,691	2,386,979	2,526,143	2,634,695
February	2,146,578	2,057,598	2,214,174	2,367,031	2,407,068
March	2,412,259	2,258,197	2,366,740	1	
April	2,322,884	2,063,801	2,197,379	2,426,157	2,631,809
				2,398,722	2,693,353
Me y	2,301,167	2,081,935	2,333,443	2,671,567	
June	2,255,338	1,973,155	2,245,537	2,578,883	
July	2,188,055	1,987,774	2,205,844	2,615,232	
August	2,197,725	2,075,901	2,293,032	2,500,179	
September	2,204,291	2,168,435	2,380,652	2,399,678	
October	2,365,052	2,333,461	2,589,956	2,487,455	
November	2,414,676	2,375,651	2,601,536	2,524,860	
December	2,457,996	2,353,19€	2,536,242	2,584,341	
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	
" first 4 "	9,199,627	8,663,287	9,165,272	9,718,053	10,366,931
	£XPCRT	S TO THE UNITE	D STATES		
January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091			
April	164,250		165,422	155,402	201,613
lay	161,033	135,616	141,523	170,600	211,594
June		155,292	164,520	193,354	
July	158,657	158,313	163,063	190,704	
	164,057	159,349	162,973	203,058	
August September	162,617	149,493	177,824	192,236	
October	143,441	151,691	159,713	186,983	6
November	142,736	165,455	151,794	168,904	
December	145,549	165,299	155,247	185,492	
De Centre I	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
	609,917	560,333	000 - 70		
" first 4 "		000,000	627,351	614,960	782,320
1995 orașia de Britân-Limbro și e consultat din Cipro y proprieducii din consultat din Cipro y proprieducii din Cipro y p	A Committee of the Comm	ORTS AND SECON	as the second of	614,960	782,320
OU	A Committee of the Comm	No Market Control	as the second of	1,853,157	
0U January	CTPUT LESS EXP	ORTS AND SECON	DARY POWER	1,853,157	2,188,075
OU January February	TPUT LESS EXP	ORTS AND SECON	DARY POWER		2,188,075 2,008,725
OU January February March	1,474,787 1,344,387	ORTS AND SECON  1,558,575 1,435,998	DARY POWER  1,644,983 1,488,480	1,853,157 1,727,442	2,188,075 2,008,725 2,194,373
January February March April	1,474,787 1,344,387 1,532,912	ORTS AND SECON  1,558,575  1,435,998  1,573,090	1,644,983 1,488,480 1,613,989 1,560,142	1,853,157 1,727,442 1,835,439 1,834,573	2,188,075 2,008,725 2,194,373
January February March April May June	1,474,787 1,344,387 1,532,912 1,510,508	0RTS AND SECON 1,558,575 1,435,998 1,573,090 1,480,284	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629	2,188,075 2,008,725 2,194,373
January February March April May June	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736	2,188,075 2,008,725 2,194,373
January February March April May June	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596	2,188,075 2,008,725 2,194,373
1993 beresakala di Albanian kana kana kana kana kana kana kana	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699	0RTS AND SECON 1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992	2,188,075
January February Warch April May June July August	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502	0RTS AND SECON  1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692	2,188,075 2,008,725 2,194,373
January February March April May June July August Geptember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879	0RTS AND SECON  1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232	2,188,075 2,008,725 2,194,373
January February March April May June July August Geptember October	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502	0RTS AND SECON  1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692	2,188,075 2,008,725 2,194,373
January February March April May June July August Geptember	1,474,787 1,344,387 1,532,912 1,510,508 1,519,545 1,496,283 1,510,365 1,543,699 1,573,502 1,655,879 1,632,494	1,558,575 1,435,998 1,573,090 1,480,284 1,505,826 1,470,027 1,466,399 1,518,479 1,537,426 1,631,513	1,644,983 1,488,480 1,613,989 1,560,142 1,623,856 1,586,964 1,587,154 1,641,330 1,668,186 1,804,048 1,809,175	1,853,157 1,727,442 1,835,439 1,834,573 1,941,629 1,860,736 1,892,596 1,940,992 1,933,692 2,072,232 2,079,984	2,188,075 2,008,725 2,194,373

# DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA MAY, 1941.

The output of central electric stations continued to increase and reached an all time high in May of 2,805,394,000 kw.h. compared with 2,671,567,000 kw.h. in May 1940. This was an increase of 5.0 p.c. The production of firm power for use in Canada (including line losses), however, increased from 1,890,025,000 kw.h. in May last year to 2,205,990,000 kw.h. or by 16.7 p.c. and the index number rose to 152.4, the highest yet reached, as against 151.7 for April, the previous high record.

The production of secondary power for export and use in Canada declined from 655,224,000 kw.h. in May 1940 to 475,964,000 kw.h. or by 36 p.c., but the daily average was 8 p.c. above the average for April.

Exports to the United States amounted to 210,495,000 kw.h. as against 193,354,000 kw.h. in May last year, firm power exports decreasing from 126,319,000 to 123,440,000 kw.h., and secondary exports increasing from 67,035,000 to 87,055,000 kw.h.

28/6/41.

Price per year 50 cents.

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A B	<u>Production</u> - Hydraulic Thermal	2,756,283 49,111	17 614	27,802 13,369
C (A + B)	Total	2,805,394	631	41,171
D	Receipts from other Provinces	• • •	• • •	• • •
E (C + D)	Cutput plus Receipts	• • •	631	41,171
F	Deliveries to other Provinces	• • •		•••
G H	Exports to U.S.A.  Firm Power  Secondary	123,440 87,055		• • •
I (G + H)	Total	210,495	• • •	•••
J (F + I)	Total Deliveries	0 0 6	• • •	• • •
K (E - J)	Net consumption in Canada	2,594,899	631	41,171
L M N (L + M)	Secondary Power For Boilers For other uses in Canada Total	309,916 78,993 388,909		1,164
C (K - N)	Net consumption of Firm Power	2,205,990	631	40,007
	CUMULATIVE PRODUCTION TOTALS. Ja	anuary - May		
P Q	Firm Power 1940 1941	9,539,514 11,335,543	2,730 3,516	171,699
R S	Secondary Power 1940 (1) 1941 (1)	2,850,106 1,836,782		11,336
T (P + R) U (Q + S)	Total 1940 1941	12,389,620 13,172,325	2,730 3,516	171,699 197,241
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORTS	TO U.S.A.)
V (Average of	f C) May 1940 (Revised) ") " 1941  Includes secondary power experted	60,960 71,160	16 20	1,179 1,291

(1) Includes secondary power exported to U.S.A.

#### INDEX NUMBERS

(Average 1935-39 -100)

	January	February	March	April	May	June
			TOTAL OUTP	UT		
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	
1941	116.7	115.7	115.8	126.1	129.1	
1939	107.0	106.9	106.7	108.0	109.9	d) 110.9 129.2
1940	119.7	123.4	120.5	126.1	130.6	
1941	145.1	147.5	148.0	151.7	152.4	

May, 1941

#### Kilowatt hours)

-							
	New Brunswick	Quebec	Ontario	Manitoba	Seskat- chewan	Alberta	British Columbia
	38,917 7,924	1,490,092 398	817,439	130,673 232	34,048 15,097	16,320 7,844	200,975
	46,841	1,490,490	817,439	130,905	49,145	24,164	204,608
_	572	16,296	291,051	• • •	• • •	2,030	• • •
_	47,413	1,506,786	1,108,490	130,905	49,145	26,194	204,608
1	31	291,623	16,265	• • •	• • •		2,030
	2,404	53,518	67,409 87,055	67	• • •	• • •	42
	2,404	53,518	154,464	67	• • •	***	42
	2,435	345,141	170,729	67	* * *	• • •	2,072
_	44,978	1,161,645	937,761	130,838	49,145	26,194	202,536
	7,093	222,679 24,890	37,637 30,441	40,225	• • •		269
	.7,093	247,569	90,091	42,723	* * *		269
	37,885	914,076	847,670	88,115	49,145	26,194	202,267
	172,045 191,988	4,870,864 6,033,416	2,730,865 3,185,808	406,890 429,088	230,414 239,929	107,984 120,814	846,023 945,079
	3,806 1,164	1,691,088 859,578	914,056 795,009	239,863 168,313		• • •	1,293 1,382
	175,851 193,152	6,561,952 6,892,994	3,644,921 3,980,817	646,753 597,401	230,414 239,929	107,984	847,316 946,461
	1,320 1,222	22,410 29,486	25,605 27,344	2,735 2,842	1,432 1,585	70 <b>9</b> 845	5,563 6,525

#### INDEX MUMBERS

#### (Average 1935-39 - 100)

July	August	September	Catober	November	December
108.4 128.6	109.5 119.4	TOTAL 113.1 114.0	113.3 108.8	112.3	109•4 111•4
111.6 132.5	OUTPU 112.3 132.0	T LESS EXPCR 113.1 130.9	TS AND SECCI 113.4 130.7	115.9 133.6	nevised) 116•1 136•6

#### QUIPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

		THE PROPERTY OF THE PARTY OF TH	STATE OF THE STATE		
Month	1957	1900	1339	1940	1941
January February March April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,061,935 1,973,155 1,987,774 2,075,901 2,166,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,345,537 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,571,567 2,578,883 2,615,232 2,500,179 2,299,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394
Total 12 months " first 5 "	27,583,927	26,012,805	28,351,514 11,498,715	30,080,248 12,389,620	13,172,325

#### EXPORTS TO THE UNITED STATES

CONTRACTOR SECULAR LABOR MATERIA ELS MERICACIO. CON 1 EPICA (1921 de 644 de 2014) del 19	The car is the wavelength of the contract of t		THE PROPERTY OF THE PARTY OF TH	Congridual and control and con	
January February March April May June July August September October	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983	192,470 176,643 201,613 211,594 210,495
October November December	142,736 145,549 159,093	165,455 165,299 161,290	151,794 155,247 150.138	168,904 185,492 199,866	
Total 12 months	1,847,100 770,950	1,826,515 715,625	1,912,623 791,871	2,135,557 808,314	992,815

### OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)

January February March April May June July August September October November December	1,433,499 1,307,226 1,487,828 1,469,055 1,478,130 1,456,355 1,469,523 1,501,943 1,533,123 1,611,025 1,593,197 1,593,203	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1;680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990
Total 12 months " first 5 "	17,934,107 7,175,738	18,056,235 7,385,959	19,405,172 7,769,625	22,521,509 8,947,703	10,743,529

## DEPT. OF POLITICAL SCIENCE

UNIVERSITY OF TORONTO Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

#### DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JUNE, 1941.

The output of central electric stations during June amounted to 2,560,060,000 kw.h. as against 2,578,883,000 kw.h. in June last year. The decrease was all in secondary power which dropped from 643,817,000 to 277,254,000 kw.h. Cutting off secondary loads increases the capacity available for firm power loads but tends to reduce the total kw.h. output.

The consumption of firm power in Canada (output less exports to the United States and secondary power) amounted to 2,167,151,000 kw.h. as against 1,812,317,000 kw.h. in June 1940. On a daily basis (72,238,000 kw.h.) this was the highest on record, the average for May being 71,160,000 and for February 71,740,000 kw.h. The index number also rose to a new high at 154.5.

Exports to the United States dropped to 187,044,000 from 210,495,000 kw.h. in May, both firm and secondary power showing decreases.

The production of secondary power for use in Canada was reduced from 388,909,000 kw.h. in May to 205,865,000 kw.h. or less than half the production in June 1940.

25/7/41.

Price per year 50 cents.

(Thousands of

AND COMMENT OF THE PARTY AND COMMENT				and the second s		
			Total	Prince Edward Island	Nova Scotia	AND DESCRIPTION OF THE PERSON
A B	Production - Hydraulic Thermal		2,512,669 47,391	16 583	23,907 13,959	
C (A + B)	Total		2,560,060	599	37,866	
D	Raceipts from other Pro	vinces	0 0	4 0 6	600	
E (C + D)	Output plus Receipts		0 0 0	599	37,866	
The state of the s	Deliveries to other Prov	S	0 0 0	0 0 0		
G H 1 (G 4 H)	Exports to U.S.A.  Firm Power Secondary "  Total		115,655 71,389 187,)44	0 0 0	0 0 3 0 0 0	
			TO 1 2 12 2	0 + 0	* * *	_
J (F + I)	Total Deliveries		a e g	0 6 6	0.0 0	
K (E - J)	Net consumption in Canac	da	2,373,016	599	37,866	
M M	Secondary Power For Boilers For other uses in Car	nada	126,690 79,175	• • •	543	
N (L + M)	Total		205,865	• • >	543	
0 (K - N)	Net consumption of Firm	Power	2,167,151	599	37,323	
	CUMULATIVE PRODUCTION TO	OTALS. Janu	ary - June			
PQ	Firm Power 1940 1941		11,474,579 13,618,349	3,199 4,115	206,351 233,400	
R		(1) (1)	3,493,924 2,114,036		1,707	
T (P + R) U (Q + S)	Total 1940 1941		14,968,503 15,732,385	3,199 4,115	206,351 235,107	
	DAILY AVERAGE CONSUMPTION	ON OF FIRM F	OWER (OUTPUT I	ESS EXPORTS	TO U.S.A.)	
V (Average	STATE OF THE PROPERTY AND PROPERTY OF THE PROP	revised)	60,410 72,238	16 20	1,155 1,244	

#### (1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
	ou	TPUT LESS EX	PORTS AND S	ECONDARY POW	ER (Revised)	
1939 1940 1941	107.0 119.7 145.1	106.9 123.4 147.5	106.7 120.5 148.0	108.0 126.1 151.7	109.9 130.6 152.4	110.9 129.2 154.5

Kilowatt hours)

 1						
 New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
38,023 7,814	1,329,188 380	774,104	112,888	32,187 14,640	17,021	185,335 3,639
 45,837	1,329,568	774,104	113,098	46,827	23,187	188,974
 520	13,813	273,075		0 * 6	2,044	000
46,357	1,343,381	1,047,179	113,098	46,827	25,231	188,974
5 0 0	273,595	13,813	0 0 0		0 4 2	2,044
2,092	51,741	61,761 71,389	20	004	4 0 0	41
 2,092	51,741	133,150	20	000	• • •	9 6 9
		200, 200		****	200	41
 2,092	325,336	146,963	20	• • •	908	2,085
44,265	1,018,045	900, 216	113,078	46,827	25,231	186,889
4,858	59,886 27,967	35,914 48,411	25,867 2,254		0.0	165
4,858	8,7,853	84,325	28,121	0 0 0	0 0 0	165
39,407	930,192	815,891	84,957	46,827	25,231	186,724
214,468 222,795	5,869,329 7,275,132	3,278,658 3,804,197	487,873 514,067	271,578 286,756	127,157 144,001	1,015,966 1,133,886
5,575 16,194	2,105,437 947,430	1,121,834	259,522 196,432	0 0 0		1,556 1,549
220,043 238,989	7,974,766 8,222,562	4,400,492 4,754,921	747,395 710,499	271,578 286,756	127,157 144,001	1,017,522 1,135,435
1,369 1,313	22,447 31,006	25,052 27,196	2,697 2,532	1,372 1,562	696 8 <b>4</b> 1	5,606 6,224

INDEX NUMBERS
(Average 1935-39 - 100)

July	August	September	October	November	December
108.4 <b>12</b> 8.6	109•5 119•4	TOTAL 113.1 114.0	0UTPUT 113.3 108.8	112.3	109.4
111.6 132.5	OUTPU 112.3 132.0	113.1 130.9	113.4 130.7	NDARY POWER 115.9 133.6	(Revised)  116.1  136.6

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January February March April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060
Total 12 months " first 6 "	27,583,927	26,012,805 12,718,377	28,351,514 13,744,252	30,080,248 14,968,503	15,732,385

#### EXPORTS TO THE UNITED STATES

		and the second difference of the second differ			
January February March April May June July August September October November December	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794 155,247 150,138	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904 185,492 199,866	192,470 176,643 201,613 211,594 210,495 187,044
Total 12 months " first 6 "	1,847,100 929,607	1,826,515 873,938	1,912,623 954,934	2.135,557 999,018	1,179,859

### OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)

January February March April May June July August September October November December	1,433,499 1,307,226 1,487,828 1,469,055 1,478,130 1,456,355 1,469,523 1,501,943 1,533,123 1,611,025 1,593,197 1,593,203	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151
Total 12 months	17,934,107 8,632,093	18,056,235 8,825,641	19,405,172 9,325,447	22,521,509	12,910,680

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# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

JULY, 1941.

Central electric stations produced 2,661,145,000 kw.h. in July, the highest July output on record, and this was exceeded only by the May 1940 and the April and May 1941 outputs. The index number adjusted for seasonal variations rose to a new high at 130.8.

Firm power produced for Canadian consumption (output less exports and secondary power) reached a new high point at 2,234,260,000 kw.h. The previous record was 2,205,990,000 kw.h. made in April last. The index number rose from 154.5 for June, the previous high record, to 160.3.

Secondary power for use in Canada was 229,452,000 kw.h. and for export 75,276,000 kw.h., a total of 304,728,000 kw.h. as against a total of 644,199,000 kw.h. in July 1940.

Exports to the United States amounted to 197,433,000 kw.h. as against 203,058,000 kw.h. in July 1940, both firm and secondary exports showing decreases.

Cumulative totals for January - July show an increase in firm power production of 18.8 p.c. and a decrease in secondary power of 71.1 p.c., making a net increase in the total of 4.6 p.c. over the 1940 output.

(Thousands of

		7			7
		Total	Prince Edward Island	Nova Scotia	and the same of the same of
A B	Production - Hydraulic Thermal	2,610,972 50,173	1.5 574	24,606 13,311	partie my retime material
C (A + B)	Total	2,661,145	589	37,917	- decreased
D	Receipts from other Provinces		9 4 9	4 ( 1	
E (C + D)	Output plus Receipts		589	37,917	-
F	Deliveries to other Provinces		226	2 0 0	
G H	Exports to U.S.A.  Firm Power Secondary "	122,157 75,276	0 4 G	2 0 4	The same of the sa
I (G + H)	Total	197,433	9 0 0		
J (F + I)	Total Deliveries			0 0 8	-
K (E - J)	Net consumption in Canada	2,463,712	589	37,917	-
L M	Secondary Power  For Boilers  For other uses in Canada	149,889 79,563	000	273	
N (L + M)	Total	229,452	9 8 8	273	
0 (K - N)	Net consumption of Firm Power	2,234,260	589	37,644	
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - July			
P R	Firm Power 1940 1941	13,445,612 15,974,766	3,674 4,704	241,902 271,044	-
R D	Secondary Power 1940 (1) 1941 (1)	4,138,123 2,418,764	• • •	1,980	
T (P + R) U (Q + S)	Total 1940 1941	17,583,735 18,393,530	3,674 4,704	241,902 273,024	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT L	ESS EXPORTS	TO U.S.A.	
V (Average W ( "	of 0) 1940 (revised) 1941	59,558 72,073	15 19	1,147	-

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
	QUTPUT	LESS EXPOR	TS AND SEC	NDARY POWER	(Revised)	h - The state of t
1939 1940 1941	107.0 119.7 145.1	106.9 123.4 147.5	106.7 120.5 148.0	108.0 126.1 151.7	109.9 130.6 152.4	110.9 129.2 154.5

JULY, 1941

Kilowatt hours)

-7			· · · · · · · · · · · · · · · · · · ·				
	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
-	40,195 8,318	1,405,403	786,583	103,901	33,992 15,223	17,273 7,361	199,004
+	48,513	1,405,833	786,583	104,140	49,215	24,634	203,721
-	499	14,765	284,946		0 0 0	2,052	÷ 0 8
-	49,012	1,420,598	1,071,529	104,140	49,215	28,686	203,721
-	0 0 0	285,445	14,765		0 4 4		2,052
	2,129	53,360	66,537 75,276	66	0 0 0		65
	2,129	53,360	141,813	66	0 0 2		65
	2,129	338,805	156,578	66		***	2,117
-	46,883	1,081,793	914,951	104,074	49,215	26,686	201,604
	3,232	102,497 29,263	23,739 49,090	20,334 937	s • •	6 a 6	87
	3,232	131,760	72,829	21,271		0 0 0	87
	43,651	950,033	842,122	82,803	49,215	26,686	201,517
	257,105 268,076	6,898,486 8,549,205	3,821,259 4,442,675	567,905 596,935	314,297 335,971	147,904 168,635	1,193,080 1,337,521
	9,014 19,426	2,525,689 1,079,190	1,327,422 1,098,829	274,175 217,704	0 0 0	6 9 0 6 0 0	1,823 1,635
_	266,119 287,502	9,424,175 9,628,395	5,148,681 5,541,504	842,080 814,639	314,297 335,971	147,904 168,635	1,194,903 1,339,156
	1,335 1,408	22,187 30,646	24,536 27,165	2,579 2,671	1,378 1,588	731 861	5,650 6,501

July	August	September	October	November	December	
		TOTAL C	UTPUT			
108.4 128.6 130.8	109.5	113.1 114.0	113.3	112.3 109.0	109.4	
	CUTPUT	LESS EXPORTS	AND SECONDA	RY POWER (Re	vised)	
111.6 132.5 160.3	112.3	113.1 130.9	113.4 130.7	115.9 133.6	116.1 136.6	

#### OUTPUT OF CENTRAL ELECTRIC STATIONS

(Thousands of Kilowatt Hours)

Month	1937	1,938	1939	3940	1941
January February Merch April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,107 2,255,238 2,188.055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,601 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,353,445 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,567,051 2,426,157 2,5398,722 2,578,383 2,515,232 2,500,179 2,193,578 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145
Total 12 months	27,583,927 15,944,187	26,012,805	28,351,514 15,950,096	30,080,248 17,583,735	18,395,530

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,458	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904	192,470 176,643 201,613 211,594 210,495 187,044 197,433
October November December	142,736 145,549 159,093	165,455 165,299 161,290	151,794 155,247 150,138	168,904 185,492 199,866	
Total 12 months	1,847,100 1,093,664	1,826,515	1,912,623 1,117,907	2,135,557 1,032,076	1,377,292

## OUTPUT LESS EXPORTS AND SECONDARY POWER. (Revised)

January February March April May June July August September October November December	1,433,499 1,307,226 1,487,828 1,469,055 1,478,130 1,456,355 1,469,523 1,501,943 1,533,123 1,611,025 1,593,197 1,593,203	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,517 1,946,304 1,893,812 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260
Total 12 months " first 7 "	17,934,107 10,101,616	18,056,235	19,405,172	22,521,509	15,144,940

Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

DEPT. OF POLITICAL SCIENCE
UNIVERSITY OF TORONTO

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA AUGUST, 1941.

Central electric stations produced 2,640,084,000 kw.h. during August as against 2,661,145,000 kw.h. in July and 2,500,179,000 kw.h. in August last year.

Production of firm power for use in Canada (including line losses) reached a new high at 2,288,214,000 kw.h. This was an increase of 20.8 p.c. above the production for August last year and 2.4 p.c. over last July's production. This, however, was slightly below the usual seasonal increase and the index number declined from 160.3 for July, the highest reached, to 159.6.

Exports to the United States dropped from 197,433,000 kw.h. in July to 187,600,000 kw.h., practically all the decrease being in secondary power which decreased from 75,276,000 to 65,469,000 kw.h.

Secondary power for use in Canada was reduced from 229,452,000 kw.h. in July and from 414,632,000 kw.h. in August last year to 164,270,000 kw.h., the drop in Quebec being from 131,760,000 kw.h. in July to 71,061,000 kw.h.

(Thousands of

		Total	Prince Edward Island	Nova Scctia	
A B	Production - Hydraulic Thermal	2,589,376 50,708	25 633	24,631 14,626	
C (A + B)	Total	2,640,084	648	39,257	
D	Receipts from other Provinces		9 இ வ	0 0 0	
E (C + D)	Output plus Receipts		648	39,257	
F	Deliveries to other Provinces		• • •	0 4 0	
G H	Exports to U.S.A.  Firm Power Secondary "	122,131 65,469	000	6 B O	
I (G + H)	Total	187,600	000	6	
J (F + I)	Total Deliveries		6.5.0	000	
K (E - J)	Net consumption in Canada	2,452,484	648	39,257	
L M	Secondary Power For Boilers For other uses in Canada	87,969 76,301	* * *	* • • • 244	
N (T + M)	Total	164,270	04.7	244	
0 (K - N)	Net consumption of Firm Power	2,288,214	648	39,013	
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - August	They make a room to		
P Q	Firm Power 1940 1941	15,459,642 18,385,110	4,217 5,352	277,823 310,056	
R	Secondary Power 1940 (1) 1941 (1)	4,624,272 2,648,504	***	2,225	
T (P + R) U (Q + S)	Total 1940 1941	20,083,914 21,033,614	4,217 5,352	277,823 312,281	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (CUTPUT	LESS EXPORTS	TO U.S.A.	.)
W ( *	of 0) August 1940 (revised) " ") 1941	61,074 73,813	17 21	1,159 1,258	
(1)	Includes Secondary Power exported	+ o 11 . S . A .			

#### (1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939 1940 1941	105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
	QUTPU?	LESS EXPOR	TS AND SEC	ONDARY POWER	(Revised)	
1939 1940 1941	107.0 119.7 145.1	106.9 123.4 147.5	106.7 120.5 148.0	108.0 126.1 151.7	109.9 130.6 152.4	110.9 129.2 154.5

Kilowatt hours)

New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
35,857 8,342	1,367,336 453	796,222	103,638	24,769 14,823	17,718	209,190
44,199	1,367,794	796,222	103,895	49,597	24,943	213,529
597	14,258	287,806	9 0 0	3 9 9	2,105	
44,796	1,382,052	1,084,028	103,895	49,597	27,048	213,529
9 + 4	288,403	14,258	0 0 0	0 0 11	5 0 0	2,105
			And the second s			
2,058	53,465	66,473 65,469	81	200		54
2,053	53,465	131,942	81	909	0.04	54
2,058	341,868	146,200	81	000	000	2,159
42,738	1,040,184	937,828	103,814			
	2,000,201	901,6020	100,01%	49,597	27,048	211,370
1,176	40,925 30,136	28,768 45,116	16,941 805	0 0 0 4 0 6	000	159
1,176	71,061	73,884	17,746	• • •	•••	159
41,562	969,123	863,944	86,068	49,597	27,048	211,211
296,112 311,099	7,952,953 9,845,938	4,378,083 5,099,544	645,358 683,084	358,562 385,568	169,592 193,578	1,376,942 1,550,891
9,619 20,602	2,828,715 1,150,251	1,500,534 1,238,182	283,211 235,450	0 0 0	0 0 0	2,193 1,794
305,731 331,701	10,781,668	5,878,617 6,337,726	928,569 918,534	358,562 385,568	169,592 193,578	1,379,135 1,552,685
1,217	23,212	24,916 27,869	2,496 2,776	1,428 1,600	<b>756</b> 873	5,873 6,813

July	August	September	October	November	De cember	
		TOTAL C	UTPUT			
108.4 128.6 130.8	109.5 119.4 126.1	113.1	113.3 108.8	112.3 109.0	109.4	
	OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER (Re	vised)	
131.6 132.5 160.3	112.3 132.0 159.6	113-1 130.9	113.4	115.9	116.1 136.6	

## OUTPUT OF CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

Month	1957	1938	1939	1940	1941
January February March April May June July August September October November December	2,817,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,051 2,426,157 2,398,722 2,671,567 2,576,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084
Total 12 months	27,583,927	26,012,805	28,351,514	20,083,914	21,033,614

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October November December	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549 159,093	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794 155,247	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904 185,492 199,866	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600
Total 12 months	1,847,100 1,256,281	1,826,515 1,182,780	1,912,623	2,135,557 1,394,312	1,564,892

#### OUTPUT LESS EXPORTS AND SECONDARY POWER

January February March Arril May June July August September October November December	1,433,499 1,307,226 1,487,828 1,469,055 1,478,130 1,456,355 1,469,523 1,501,943 1,533,123 1,611,025 1,593,197 1,593,203	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,288,214
Total 12 months	17,934,107 11,603,559	18,056,235 11,747,807	19,405,172 12,489,697	22,521,509	17,433,154

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Minister of Trade and Commerce.

DEPT. OF POLITICAL SCIENCE

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA SEPTEMBER, 1941.

Central electric stations produced 2,866,647,000 kw.h. in September as against 2,640,084,000 kw.h. in August and 2,399,678,000 kw.h. in September last year. This was the largest output for any month to date, and the index number adjusted for seasonal variations rose to a new high at 136.2 as against the previous peak of 130.8 made in July.

Exports to the United States dropped from 187,600,000 kw.h. in August to 183,954,000 kw.h. which, however, was above the August daily rate.

Secondary power produced for use in Canada amounted to 270,359,000 kw.h., an increase over August secondary power consumption of 106,089,000 kw.h., but a decrease of 126,046,000 kw.h. from September 1940 consumption.

The consumption of firm power in Canada also reached a new high record at 2,412,334,000 kw.h. as against 2,288,214,000 kw.h. in August and 1,886,670,000 kw.h. in September last year. The adjusted index number rose to a new high at 167.4 as against 159.6 for August and 160.3 for July, the previous peak. The daily average consumption of firm power in Quebec increased by 10,785,000 kw.h., or 45 p.c. over September 1940 consumption. In Ontario the increase was 4,696,000 kw.h. or 18 p.c., in British Columbia 1,048,000 kw.h. or 18 p.c. and for Canada 17,522,000 kw.h. or 28 p.c.

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A B	Production - Hydraulic Thermal	2,816,486 50,161	15 682	24,884 14,347
C (A + B)	Total	2,866,647	697	39,231
D	Receipts from other Provinces		• • •	• • •
E (C + D)	Output plus Receipts		697	39,231
F	Deliveries to other Provinces		• • •	• • •
G H	Exports to U.S.A.  Firm Power Secondary	120,319 63,635	• • •	• • •
I (G + H)	Total	183,954	• • •	• • •
J (F + I)	Total Deliveries		•••	
K (E - J)	Net consumption in Canada	2,682,693	697	39,231
L	Secondary Power For Boilers For other uses in Canada	215,267 55,092	• • •	192
N (L + M)	Total	270,359		192
C (K - N)	Net consumption of Firm Power	2,412,334	697	39,039
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - Septembe	r	
PQ	Firm Power 1940 1941	22,483,593 20,917,763	4,788 6,049	312,824 349,096
R	Secondary Power 1940 (1) 1941 (1)	5,020,677 2,982,498		2,416
T (P + R) U (Q + S)	Total 1940	17,462,916 23,900,261	4,788 6,049	312,824 351,512
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT I	ESS EXPORTS	TO U.S.A.)
V (Average W ( *	of 0) September 1940 (revised) " ") 1941	62,889 80,411	19 23	1,167

(1) Includes Secondary Power exported to U.S.A.

105.7	TOT 106.4 113.7	AL OUTPUT 104.1 106.8	102.9	107.4	108.2
111.9					108.2
	113.7	106.9			
		T00 0C	112.3	123.0	124.2
116.7	115.7	115.8	126.1	129.1	123.3
QUTPUT	LESS EXPOR	TS AND SECO	ONDARY POWER	(Revised)	
107.0	106.9	106.7	108.0	109.9	110.
119.7	123.4	120.5	126.1	130.6	129.
145.1	147.5	148.0	151.7	152.4	154.
	0UTPUT 107.0 119.7	0UTPUT LESS EXPOR 107.0 106.9 119.7 123.4	0UTPUT LESS EXPORTS AND SECO 107.0 106.9 106.7 119.7 123.4 120.5	OUTPUT LESS EXPORTS AND SECONDARY POWER           107.0         106.9         106.7         108.0           119.7         123.4         120.5         126.1	OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)           107.0         106.9         106.7         108.0         109.9           119.7         123.4         120.5         126.1         130.6

STATION DATA

SEPTEMBER, 1941.

Kilowatt hours)

7		1				
New Brunswick	Quebec	Ontario	Manitoba	Saskat - chewan	Alberta	British Columbia
39,305 8,678	1,560,691	801,993	130,292 305	33,895 15,775	19,391 6,944	206,020
47,983	1,561,197	801,993	130,597	49,670	26,335	208,944
513	13,921	316,498		9 0 0	2,116	
48,496	1,575,118	1,118,491	130,597	49,670	28,451	208,944
•••	317,011	13,921	0 0 0		• • •	2,116
2,190	52,477	65,520 63,635	87	0 0 0		45
2,190	52,477	129,155	87			45
2,190	369,488	143,076	87		• • •	2,161
46,306	1,205,630	975,415	130,510	49,670	28,451	206,783
2,387	133,018 28,468	42,494 20,916	37,182 5,516	0 0 0	• • •	186
2,387	161,486	63,410	42,698	0 0 0		186
43,919	1,044,144	912,005	87,812	49,670	28,451	206,597
338,848 356,695	12,061,367 11,245,649	6,597,388 5,774,492	1,015,800 770,983	404,553 435,238	191,785 219,913	1,556,240 1,759,648
9,619 22,989	3,066,861 1,311,737	1,653,680 1,365,227	287,949 278,148	• • •	• • •	2,568 1,981
329,229 379,684	8,994,506 12,557,386	4,943,708 7,139,719	727,851 1,049,131	404,553 435,238	191,785 219,913	1,553,672 1,761,629
1,065	24,020 34,805	25,709 30,400	2,747 2,927	1,533 1,656	790 948	5,839 6,887

July	August	September	October	November	December
		TOTAL C	UTPUT		
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8	112.3 109.0	109.4
	OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER (Re	vised)
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7	115.9 133.6	116.1

## OUTPUT OF CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January February March April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,083 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647
Total 12 months	27,583,927	26,012,805	26,351,514	30,080,248	23,900,261

#### EXPORTS TO THE UNITED STATES

Je nury February March April May June July August	138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441	131,*50 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691	186,215 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600 183,954
September October November December	142,736 145,549 159,093	165,455 165,299 161,290	151,794 155,247 150,138	168,904 185,492 199,866	200,000
Total 12 months	1,847,100 1,399,722	1,826,515 1,334,471	1,912,623	2,135,557 1,581,295	1,748,846

#### GUTPUT LESS EXPORTS AND SECONDARY POWER

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
Merch	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
Kay	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	
November	1,593,197	1,588,315	1,760,849	2,030,222	
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
" first 9 "	13,136,682	13,256,207	14,119,735	16,386,306	19,845,488

DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TOKONTO

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Minister of Trade and Commerce.



# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA OCTOBER, 1941.

Central electric stations created a new high record in October by producing 3,140,317,000 kw.h., and the index adjusted for seasonal variations rose to a new high at 137.4 as against 136.2 for September. Increases were shown in all provinces even after adjusting for the extra day in October, the largest increase being in Quebec where total output rose from 1,561,197,000 kw.h. in September to 1,722,889,000 kw.h. or by 10.3 p.c., or on a daily basis by 6.8 p.c. This was due to better water conditions.

Exports to the United States increased from 183,954,000 km.h. in September to 196,578,000, the average daily export of firm power being practically unchanged, but secondary power increasing from 63,635,000 to 72,217,000 km.h.

Secondary power produced for use in Canada increased from 270,359,000 to 333,637,000 kw.h.

The consumption of firm power in Canada (total output less exports and secondary power)

throughouted to 2,610,102,000 kw.h. as against 2,412,334,000 kw.h. in September and 2,021,032,000 kw.h.

in October 1940. This was a new high record and the index number rose to 168.8 as against 167.4 for

September which was the previous high record. The increase in the province of Quebec was from 783,578,000 kw.h. in October 1940 to 1,132,800, or an increase of 45 p.c.

(Thousands of

		7			-
		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	3,081,329 58,988	14 741	26,225 15,729	
C (A + B)	Total	3,140,317	755	41,954	
D	Receipts from other Provinces	-	-	-	
E (C + D)	Output plus Receipts	~	755	41,954	
y."	Deliveries to other Provinces	14.	-	-	
G H	Exports to U.S.A.  Firm Power Secondary "	124,361 72,217	_		
I ( - H)	Total	196,578	ens.	-	
3 (3	Total Deliveries	~	-	600	
K (i ~ i)	Net consumption in Canada	2,943,739	755	41,954	
L M	Secondary Power For Boilers For other uses in Canada	274,005 59,632	2.5 CT	-	
N (L + M)	Total	333,637		400	
0 (K - N)	Net consumption of Firm Power	2,610,102	755	41,954	
The Control of the Co	CUMULATIVE PRODUCTION TOTALS. Jan	uary - October			
P Q	Firm Power 1940 1941	19,587,514 23,652,226	5,391 6,804	350,381 391,050	
R S	Secondary Power` 1940 (1) 1941 (1)	5,383,533 3,388,352		2,416	
T (P * R) U (Q 4 S)	Total 1940 1941	24,971,047 27,040,578	5,391 6,804	350,381 393,466	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT L	ESS EXPORTS	TO U.S.A.	)
V (Average		65,195 84,197	19 24	1,212 1,353	

#### (1) Includes Secondary Power exported to U.S.A.

January	February	Morch	April	May	June
105.7 111.9 116.7	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
OUTPUT	LESS EXPCR	TS AND SECO	ONDARY POWER	(Revised)	
107.0 119.7 145.1	106.9 123.4 147.5	106.7 120.5 148.0	108.0 126.1 151.7	109.9 130.6 152.4	110.9 129.2 154.5
	105.7 111.9 116.7 OUTFUT	105.7 106.4 111.9 113.7 116.7 115.7 0UTPUT LESS EXPCR 107.0 106.9 119.7 123.4	TOTAL OUTPUT  105.7	TOTAL OUTPUT  105.7	TOTAL OUTPUT  105.7

ERRATA

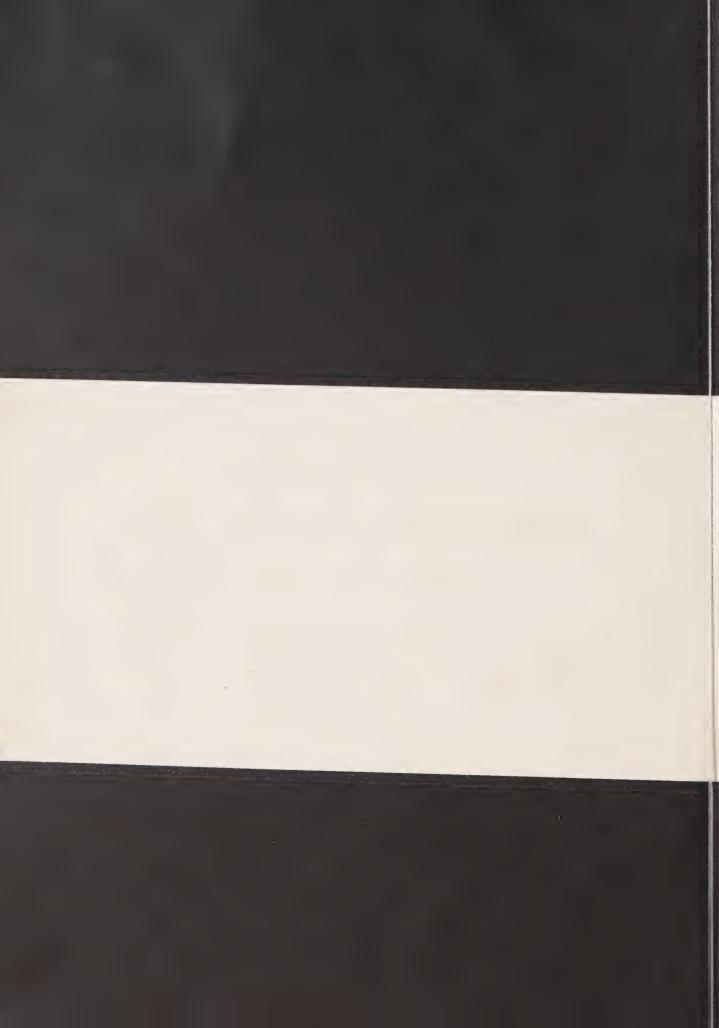
DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

September, 1941.

Data shown on line "P" should be on line "T".

Data shown on line "T" should be on line "P".



#### Kilowatt hours)

 		gordalist de all marie de marien propins anticopo per constitución por constitución de la constitución de altr	Comment - result returned in View or authorities on spill (self-pressure		. A first desires many task over 1 and 10 an	
New Brunswick	Quebec	Onterio	Manitoba	Saskat- chesen	Alberta	British Columbia
<b>42,303</b> 9,571	1,722,338 551	860,933	153,699 445	35,810 17,559	18,140	221,867
51,874	1,722,889	860,933	154,144	53,300	30,729	223,670
745	12,891	348,744		CD	1,852	The Second Association of Control of the Second Second
52,619	1,735,780	1,209,677	154,144	55,259	32,680	223,670
38	349,489	12,853	FOR THE SECTION OF THE SECTION OF A SECTION OF A SECTION OF THE SE	490	CONTRACTOR OF THE PROPERTY OF	1,951
2,584	54,529	67,118 72,217	89	u≠ o+		4.1
2,584	54,529	1.39,335	8.9	Companies Companies and Compan	all and the state of the state	to the second se
2,622	404,018	152,138	89	and the state of t	THE BACK THE AND ADDRESS OF THE PROPERTY OF THE ADDRESS OF THE ADD	1,992
49,997	1,331,762	1,057,489	154,055	53,369	32,690	221,676
1,748	168,255 30,707	53,478 21,522	50,295 7,403			229
1,748	198,962	75,000	57,698	meditalisasink (naturusidanii E. ur v. 194 - 17 — 34)	n Side Street	229
48,249	1,132,800	982,489	96,357	33, 359	32, 460	221,149
365,581 406,821	10,10€,963 12,769,576	5,532,257 <b>6,4</b> 88 <b>,208</b>	817,484 867,429	453,589 488,607	217,826 250,642	1,738,042 1,983,089
9,619 24,737	3,267,658 1,510,699	1,798,782 1,512,444	304,678 335,846	GP (de)	uuuluuuusia araamaa ka ayaa ka moonayo ha oo oonaa ( niiio	2,796 2,210
375,200 431,558	13,374,621 14,280,275	7,331,039 8,000,652	1,122,162 1,203,275	453,589 488,607	217,826 250,642	1,740,838 1,985,299
1,113 1,557	25,277 36,542	26,318 31,693	2,888 3,108	1,582 1,732	892 1,054	5,894 7,144

-	July	August	September	Corober	Modelepal.	Dacember
			TOTAL C	UTPUT		
	108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112 3 109-0	109.4 111.4
		OUTFUT	LESS EXPORTS	AND SECONDA	RY FOVER (Re	(Dealy
	111.6 132.5 160.3	112.3 132.0 159.6	11.3 % 1 130 % 9 167 % 4	113.4 130.7 168.8	115.9 133.6	116.1 136.6

## OUTPUT OF CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January February March April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317
Total 12 months	27,583,927	26,012,805 21,285,948	28,351,514	30,080,248	27,040,578

#### EXPORTS TO THE UNITED STATES

April 1 half and the second se				1	
January	134,931	157,532	166,915	149,050	192,470
February	138,041	123,094	153,491	139,908	176,643
March	172,695	144,091	165,422	155,402	201,613
April	164,250	135,616	141,523	170,600	211,594
May	161,033	155,292	164,520	193,354	210,495
June	158,657	158,313	163,063	190,704	187,044
July	164,057	159,349	162,973	203,058	197,433
August	162,617	149,493	177,824	192,236	187,600
September	143,441	151,691	159,713	186,983	183,954
October	142,736	165,455	151,794	168,904	196,578
November	145,549	165,299	155,247	185,492	
December	159,093	161,290	150,138	199,866	
Total 12 months	1,847,100	1,826,515	1,912,623	2,135,557	
n first 10 m	1,542,458	1,499,926	1,607,238	1,750,199	1,945,424

#### OUTPUT LESS EXPORTS AND SECONDARY POWER

Sanuary February March April May June July August	1,433,499 1,307,226 1,487,328 1,469,055 1,478,130 1,456,355 1,469,523 1,501,943	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,887,662	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,288,214
September October November December	1,533,123 1,611,025 1,593,197 1,593,203	1,508,400 1,602,664 1,588,315 1,609,049	1,630,038 1,753,729 1,760,849 1,770,859	1,886,670 2,021,032 2,030,222 2,083,949	2,412,334 2,610,102
Total 12 months	17,934,107 14,747,707	18,056,235	19,405,172 15,873,464	22,521,509	22,455,590

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Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, LL. D., F.R.S.C., F.S.S. (Hon.)

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA NOVEMBER, 1941.

Central electric stations produced 3,183,982,000 kw.h. in November as against 3,140,317,000 kw.h. in October and 2,524,860,000 kw.h. in November last year, and the index number adjusted for seasonal variations increased from 137.4 for October to 137.5. Both the quantity and index were new high records despite the month containing five Sundays and five Saturdays, days which normally are light consumption days. October contained only four Sundays and four Saturdays and in November last year there were only four Sundays and five Saturdays.

Exports to the United States amounted to 122,324,000 kw.h. of firm power and 77,532,000 kw.h. of secondary power, a total of 199,853,000 kw.h. as against 196,578,000 kw.h. in October and 185,492,000 kw.h. in November 1940.

Production of secondary for use in Canada increased from 333,637,000 kw.h. in October to 407,939,000 kw.h. Water conditions were such that there was a surplus for many of the large plants across the country.

Production of firm power for use in Canada (total output less exports and secondary power) amounted to 2,576,187,000 kw.h., which was less than for October but on a daily basis was an increase of 2 p.c., or from 84,197,000 to 85,873,000 kw.h.

The index number for firm power consumption reached a new high at 169.5 as against 168.8 for October.

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
	Darking Under 14 a	3,117,533	9	26,573	
A. B	Production - Hydraulic Thermal	66,449	887	16,236	
C (A + B)	Total	7,185,982	896	42,803	
3	Receipts from other Provinces				
G (C + D)	Output plus Receipts	4 0 0	896	42,809	
To the state of th	Deliveries to other Provinces	0 0 0		• • •	
	Exports to U.S.A.	700 704			
G H	Firm Power Secondary "	122,324			
I (G + H)	Total	199,856	0 0 0		
J (F + I)	Total Deliveries				
K (E - J)	Net consumption in Canada	2,984,126	896	42,809	
(= 0,					
L	Secondary Power For Boilers	352,770	0 0 0		
Si .	For other uses in Canada	55,169		152	
N (L + M)	Total	407,939	0 0 a	152	
0 (K - N)	Net consumption of Firm Power	2,570,187	396	42,657	
	CUMULATIVE PRODUCTION TOTALS. Jan	nuary - November	n constant		
P	Firm Power 1940	21,727,523	6,112	386,931	
Q	1941	26.350.736	7,700	453,707	
K	Secondary Power 1940 (1)	5,768,384			
S	1941 (1)	3,873,824	• • •	2,568	
T (P + R)	Total 1940	27,495,907	6,112	386,951	
U (Q + S)	1941	30,224,560	7,700	436,275	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT I	ESS EXPORTS	TO U.S.A.)	
V (Average		67,674	24	1,218	
W ( "	w w) 1941	85,873	30	1,422	

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106-8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
	QUTPU	T LESS EXPOR	TS AND SECO	NDARY POWER	(Revised)	
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

#### STATION DATA

November, 1941

#### .Kilowatt hours)

	New	Quebec	Ontario	Wenitchs	Saskat-	422-4	
	Brunswick		0000000	manitude de	chewan	Alberta	British Columbia
	40,166 9,675	1,760,159	869,325	152,178 540	36,390 18,374	13,153 18,606	219,585 1,644
	49,841	1,760,644	869,325	152,715	54,764	31,759	221,229
	530	8,898	341, 940	O A S	0 9 0	1,961	F 9 0
	50,877	1,769,542	1,211,237	152,715	54,764	33,720	221,229
	9 9 2	542,478	8,898	C , D	100	0 0 0	1,961
	3,061	52,969	66,132 77,5%£	112	1 3 E	0 . 3	50
	3,061	52,969	142,364	112	204	2 0 0	50
	3,061	395,447	152,562	112		0 9 6	2,011
	47,316	1,374,195	1,088,705	1.00,503	74,784	33,720	219,218
100	3,086	234,795	60,743 20,731	43,50° 0.221	U O .*	© 5 0 0 0 0	34]
	3,086	263,235	80,1)4	F4, 762	O 6 b	011	341
	44,230	1,110,860	972,401	97,782	54,764	33,720	218,877
	408,668 453,576	11,202,121	6,141,560 7,195,696	908,666 965,323	504,340 543,371	245,149 282,401	1,923,976 2,203,977
	13,805 27,823	3,460,986 1,773,934	1,954,916 1,676,281	335,601 390,667	• • •	• • •	3,076 2,551
	422,473 481,399	14,663,107 16,040,919	8,096,476 8,869,977	1,244,267 1,355,990	504,340 543,371	245,149 282,401	1,927,052 2,206,528
	1,366 1,474	25,679 37,029	27,351 20,413	8.077 7 <sub>4</sub> : 0	1,692 1,826	968 1,124	8,139 7,296

July	August	September	October	November	December
100 4	2024	TOTAL C	go unions armself allo relp 800000	112.3	109.4
108.4 126.6 130.8	109.5 119.4 120.1	113.1 114.0 130.2	113.3 108.8 137.4	109.0	lil.4
	OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER (Re	vised)
111.6 120.5 16).5	112.3 138.0 13.0	113°1 130°9 137°4	113.4 130.7 168.8	115.9 133.6 169.5	16.1

## OUTPUT OF CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

Month	1937	1938	1939	1940	1941
January February March April May June July August September October November December	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,275,661 2,353,196	2,366,979 2,214,174 2,365,740 2,197,379 2,333,443 2,745,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,982
Total 12 months  " first 11 "	27,583,927 25,125,931	26,012,805 23,659,609	28,351,514 25,815,272	30,080,248 27,495,907	30,224,560

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September	134,931 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600 183,954
October November December	142,736 145,549 159,093	165,455 165,299 161,290	151,794 155,247 150,138	168,904 185,492 199,866	196,578 199,856
Totel 12 months	1,847,100 1,688,007	1,826,515 1,665,225	1,912,623	2,135,557	2,145,280

#### OUTPUT LESS EXPORTS AND SECONDARY POWER

and			The second secon		
January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
Merch	1,487,828	1,539,443	1,581,562	1.786.563	2.194.373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	2,576,187
December	1,593,203	1,609,049	1,770,859	2,083,949	
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	
first 11 v	16,340,904	16,547,186	17,634,313	20,437,560	25,031,777

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Published by Authority of the Hon. James A. MACKINNON, M.P., Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, R.H. COATS, L.L. D., F.R.S.C., F.S.S. (Hon.) Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA DECEMBER, 1941

Central electric stations established a new monthly record in December by producing 3,220,800,000 kw.h., and the index number rose to a new high to 138.9 or 27.5 points above the December 1940 index. More important was the increase in firm power produced for use in Canada which rose to 2,669,339,000 kw.h. and the index number rose to 174.9 which was 5.4 points above the November index and 38.3 points or 28 p.c. above the December 1940 index.

Exports to the United States increased from 199,856,000 kw.h. in November to 214,261,000 kw.h. and secondary power produced for use in Canada declined from 407,939,000 to 337,200,000 kw.h.

The output for the year amounted to 33,445,360,000 kw.h. as against 30,080,248,000 kw.h. in 1940. This was an increase of 11.2 p.c. and the largest output to date.

Firm power produced for use in Canada increased by 23 p.c. or from 22,521,509,000 in 1940 to 27,701,116,000 kw.h.

Exports to the United States increased from 2,135,557,000 kw.h. in 1940 to 2,359,541,000 kw.h. Over 80 p.c. of this increase was secondary power exported as and when available.

Total production of secondary power during the year dropped from 6,150,625,000 kw.h. in 1940 to 4,300,304,000 kw.h., over 90 p.c. of the decrease being in the Quebec plents.

26/1/42.

Price per year 50 cents.

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	3,147,922 72,878	21 945	27,503 16,075	
C (A + E)	Total	3,220,800	966	43,578	
D	Receipts from other Provinces	0 6 6	* * *	• • •	
E (C + D)	Output plus Receipts	0 0 0	966	43,578	
E.	Deliveries to other Provinces	0 0 0		* * *	
G H	Exports to U.S.A.  Firm Power Secondary "	124,981 89,280	0 0 0	• • •	
I (G + H)	Total	214,261	9 4 4		
J (F + I)	Total Deliveries	6 4 6	4 • 4	• • •	
K (E - J)	Net consumption in Canada	3,006,539	966	43,578	
L	Secondary Power For Boilers For other uses in Canada	279,204 57,996	* * *	• • •	
N (L + M)	Total	337,200	• • •	• • •	
0 (K - N)	Net consumption of Firm Power	2,669,339	966	43,578	
	CUMULATIVE PRODUCTION TOTALS. Ja	nuary - December	er		
P Q	Firm Power 1940 1941	23,929,623 29,145,056	6,835 8,666	426,068 477,285	
R S	Secondary Power 1940 (1) 1941 (1)	6,150,625 4,300,304		2,568	
T (P + R) U (Q + S)	Total 1940 1941	30,080,248 33,445,360	6,835 8,666	426,068 479,853	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT I	ESS EXPORTS	TO U.S.A.	)
W ( "	of 0) December 1940 (revised)	67,224 86,107	23 31	1,262 1,406	

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115.8	126.1	129.1	123.3
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5

December, 1941

Kilowatt hours)

		· · · · · · · · · · · · · · · · · · ·				
New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
42,678 10,758	1,735,885 486	910,387	159,090	38,672 19,459	11,454 22,512	222,232
55,436	1,736,371	910,387	159,397	58,132	33,966	224,568
599	7,918	351,159		0 0 0	2,18%	
54,035	1,744,289	1,261,546	159,397	58,131	36,149	224,568
• • •	351,758	7,918	•••	0 0 2	0 0 0	2,185
3,233	55,125	66,463 89,280	109	* * * *	@ D @	57
 3,233	55,125	155,743	109	000	000	51
3,233	406,883	163,661	109	0 0 0	6 9 9	2,234
 50,802	1,337,406	1,097,885	159,288	58,131	36,149	222,334
 3,874	142,732 30,494	71,503 21,481	60,762 6,021	0 0 0	**************************************	333
3,874	173,226	92,984	66,783	* * *	0 0 2	333
 46,928	1,164,180	1,004,901	92,505	58,131	36,149	222,001
452,031 503,138	12,347,004 15,830,130	6,758,347 7,921,819	997,200 1,057,937	<b>555,561</b> 601,502	272,065 316,367	2,114,512 2,428,212
18,220 31,697	3,641,447 1,947,160	2,118,665 1,858,545	368,932 457,450	000	0 0 0	3,361 2,884
470,251 534,835	15,988,451 17,777,290	8,877,012 9,780,364	1,366,132 1,515,387	<b>555,561</b> 601,502	272,065 316,367	2,117,873 2,431,096
1,328 1,514	26,086 37,554	27,007 32,416	2,853 2,984	1,652 1,875	927 1 <b>,1</b> 66	6,086 7,161

July	August	September	October	November	December
		TOTAL C	UTPUT		
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137,4	112.3 109.0 137.5	109.4 111.4 138.9
	OUTPUT	LESS EXPORTS	AND SECONDAL	RY POWER	
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9

Month	1937	1938	1939	1940	1941
January February March April May June July August September October November	2,317,906 2,146,578 2,412,259 2,322,884 2,301,167 2,255,338 2,188,055 2,197,725 2,204,291 2,365,052 2,414,676 2,457,996	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,695 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,982 3,220,800
Total 12 months	27,583,927	26,012,805	28,351,514	30,080,248	33,445,360

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October November		134,9%1 138,041 172,695 164,250 161,033 158,657 164,057 162,617 143,441 142,736 145,549	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794 155,247	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904 185,492	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600 183,954 196,578 199,856
December		159,093	161,290	150,138	199,866	214,261
Total 12	months	1,847,100	1,826,515	1,912,623	2,135,557	2,359,541

January	1,433,499	1,522,381	1,612,995	1,805,591	2,188,080
February	1,307,226	1,404,034	1,455,426	1,680,884	2,008,725
Merch	1,487,828	1,539,443	1,581,562	1,786,563	2,194,373
April	1,469,055	1,447,356	1,528,777	1,784,640	2,146,361
May	1,478,130	1,472,745	1,590,865	1,890,025	2,205,990
June	1,456,355	1,439,682	1,555,822	1,812,317	2,167,151
July	1,469,523	1,434,504	1,554,705	1,846,304	2,234,260
August	1,501,943	1,487,662	1,609,545	1,893,312	2,288,214
September	1,533,123	1,508,400	1,630,038	1,886,670	2,412,334
October	1,611,025	1,602,664	1,753,729	2,021,032	2,610,102
November	1,593,197	1,588,315	1,760,849	2,030,222	2,576,187
December	1,593,203	1,609,049	1,770,859	2,083,949	2,669,339
Total 12 months	17,934,107	18,056,235	19,405,172	22,521,509	27,701,116
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PT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

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Minister of Trade and Commerce.

57-001

## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA JANUARY, 1942.

The output of central electric stations continued to increase and reached a new peak at 3,226,289,000 kw.h. in January as against 3,220,800,000 kw.h. in December and 2,654,695,000 kw.h. in January 1941. The index number adjusted for seasonal variations rose from 138.9 for December, the previous peak, to 142.9.

Exports to the United States amounted to 206,530,000 kw.h. as against 214,261,000 kw.h. in December and 192,470,000 kw.h. in January 1941, the increase over last year's exports being mostly in secondary power which increased from 73,812,000 kw.h. in 1941 to 84,576,000 kw.h.

Secondary power produced for use in Canada dropped from 337,200,000 kw.h. in December to 295,137,000 kw.h. Consumption of firm power, i.e., output less exports and secondary power, also reached a new high record at 2,724,622,000 kw.h. compared with 2,669,339,000 kw.h. in December and 2,188,080,000 in January last year, an increase of 12.4 p.c., over January 1941, and the index rose to 180.7 as against 174.9 for December. These three months each contained one holiday and four Sundays, and consequently the comparison of outputs are not seriously affected by the calendar.

Consumption of firm power showed increases over those of January 1941 in each province, but comparisons with December 1941 data show decreases in Prince Edward Island, New Brunswick, Ontario, Saskatchewan and British Columbia, and increases in the other provinces, particularly in Quebec where the increase was 75,374,000 kw.h. or 6.5 p.c., and compared with January 1941 consumption it was up by 39.4 p.c.

4/3/42.

(Thousands of

		Total	Prince Edward Island	Nova Scotia
A B	Production - Hydraulic Thermal	3,151,183 75,106	<b>2</b> 4 937	29,786 15,692
C (A + B)	Total	3,226,289	961	45,478
D	Receipts from other Provinces		• • •	
E (C + D)	Output plus Receipts		961	45,478
F	Deliveries to other Provinces			
G H	Exports to U.S.A.  Firm Power  Secondary "	121,954 84,576	• • •	Q 4 0
I (G + H)	Total	206,530	000	
J (F + I)	Total Deliveries	206,530		• • •
K (E - J)	Net consumption in Canada	3,019,759	961	45,478
L M	Secondary Power For Boilers For other uses in Canada	241,597 53,540	***	
N (L + M)	Total	295,137	0 4 0	0 = 4
0 (K - N)	Net consumption of Firm Power	2, 524, 622	961	45,478
	CUMULATIVE PRODUCTION TOTALS. Jan	uary -		
P Q	Firm Power 1941 1942	2,306,733 2,846,576	752 961	40,241 45,478
R	Secondary Power 1941 (1) 1942 (1)	327,962 379,713		
T (P + R) U (Q + S)	Total 1941 1942	2,634,695 3,226,289	752 961	40,241 45,478
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT I	ESS EXPORTS	TO U.S.A.
V (Average	of 0) January 1941	<b>70,583</b> 87,891	24 31	1,298 1,467

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
		TOT	AL OUTPUT			
1939 1940 1941 1942	105.7 111.9 116.7 142.9	106.4 113.7 115.7	104.1 106.8 115.8	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
1939 1940 1941 1942	107.0 119.7 145.1 180.7	106.9 123.4 147.5	TS AND SECO 106.7 120.5 148.0	108.0 126.1 151.7	109.9 130.6 152.4	110.9 129.2 154.5

#### Kilowatt hours)

		7					
	New Brunswick	Quebec	Ontario	Manitoba	Saskat - chewan	Alberta	British Columbia
	38,814 9,862	1,745,602	909,119	160,585	37,467 19,036	9,636 23,767	220,150 5,134
	48,676	1,746,074	909,119	160,791	56,503	33,403	225,284
	625	7,873	320,900	610	8 0 8	5,076	9 6 3
	49,301	1,753,947	1,230,019	160,791	56,503	38,479	225,284
1	2 0 0	321,525	7,873	. 063	6 9 6	500	5,076
	2,766	55,319	63,712 84,576	108	© 4 6	6 6 9	40
	2,766	55,319	148,228	108	0 0 0	9 > 4	49
	2,766	376,844	156,161	108		- 0 0 0	5,125
1	46,535	1,377,103	1,073,858	160,683	56,503	38,479	220,159
	2,237	105,615	74,125 21,571	59,293 35	• • •		327
	2,237	137,549	95,696	59,328	000	9 v S	327
	44,298	1,239,554	978,162	101,355	56,503	38,479	219,832
	<b>41,545 46,439</b>	1,209,521 1,608,525	667,961 728,847	87,588 101,463	50,202 56,503	26,911 33,403	182,012
	3,926 2,237	141,349 137,549	147,090	35,327 59,328	0 0 0	000	224,957 270 327
	45,471 48,676	1,350,870 1,746,074	815,051 909,119	122,915 160,791	50,202 56,503	26,911 33,403	182,282 225,284
	1,268	28,690 39,986	28,124 31,554	2,322	1,619	932	5,806 7,091

#### <u> 1NDEX NUMBERS</u> (Average 1935-39 = 100)

TOTAL OUTPUT  108.4 128.6 119.4 114.0 108.8 126.1 136.2 137.4 137.5 138.9   CUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)  111.6 112.3 113.1 113.4 115.9 116.1 132.5 132.0 130.9 130.9 130.7 133.6 135.6 160.2 159.6	July	August	September	redota	November	December	
128-6 130-8 119-4 126-1 136-2 137-4 137-5 138-9  OUTPUT LESS EXPORTS AND SECONDARY POWER (Revised)  111-6 132-5 132-0 130-9 130-9 130-9 130-9 130-6			TOTAL C	UTPUT			
111.6 112.3 113.1 113.4 115.9 116.1 132.5 132.0 130.9 130.47 133.6 135.6	128-6	119.4	114.0	108.8	209-0	111.2	
132.5 132.0 130.9 130.7 133.6 135.6		OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER (Re	vised)	
	132.5	132.0	130.9	330.7	133-6	135.6	

Month	1938	1.939	1940	1941	1942
January February March April May June July August September October November December	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,535,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,982 3,220,800	3,226,289
Total 12 months	26,012,805	28,351,514	30,030,248	33,445,360	

#### EXPORTS TO THE UNITED STATES

January February March April May June	157,532 123,094 144,091 135,616 155,292 158,313 159,349	166,915 153,491 165,422 141,523 164,520 163,063 162,973	149,050 139,908 155,402 170,600 193,354 190,704 203,058	192,470 176,643 201,613 211,594 210,495 187,044 197,433	206,530
		163,063	190,704 203,058	197,433	
August September	149,493 151,691	177,824 159,713 151,794	192,236 186,983 168,904	187,600 183,954 196,578	
October November December	165,455 165,299 161,290	155,247 150,138	185,492	199,856 214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	

January February March April May June July August September October November December	1,522,381 1,404,034 1,533,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,288,214 2,412,334 2,610,102 2,576,187 2,669,339	2,724,622
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	

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Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA FEBRUARY, 1942.

Central electric stations produced 2,842,463,000 kw.h. during February, the highest on record for the month. On a daily basis it was below only the outputs in January, December and November, due almost entirely to a reduction in secondary power. The index number dropped to 136.6 as compared with 142.9 for January and 115.7 for February 1941.

Firm power produced for use in Canada reached a daily average of 87,789,000 kw.h., which has been exceeded by only 87,891,000 kw.h. produced in January, and was 24 p.c. above the February 1941 production.

Exports to the United States amounted to 176,136,000 kw.h. as compared with 176,643,000 kw.h. in February last year.

Secondary power amounted to 208,220,000 kw.h. for Canadian use and 69,237,000 kw.h. for export, a total of 277,457,000 kw.h. as against 287,313,000 kw.h. in February 1941. Secondary power for January has been revised by a reduction of 31,933,000 kw.h.

28/3/42.

Price per year 50 cents.

(Thousands of

			Total	Prince Edward Island	Nova Scotis
A B	Production - Hydraulic Thormal		2,777,082 65,381	22 878	26,597 15,237
c (A + B)	Total		2,842,463	900	41,834
D	Receipts from other Provinces	400		-	-
E (C + E'	Output plus Receipts	ti adama di		900	41,834
F	Deliveries to other Provinces				-
G H	Exports to U.S.A.  Firm Power Secondary "		106,899 69,237	*	der en
I (G + H)	Total		176,136	-	-
3 (F + I)	Total Deliveries		176,136	-	-
K (E - J)	Net consumption in Canada		2,666,327	900	41,834
s M	Secondary Power  or Boilers  other adu. 1: Canada		188,434 19,786	au 90	es
N (L + · ·	Taxe2		208,220	-	-
0 (K - N)	Net consumption of Firm Power		2,458,107	900	41,834
	CUMULATIVE PRODUCTION TOTALS.	Jam	ary - Februar	у	
P Q	Firm Power 1941 1942	X	4,426,488 5,443,515	1,507	76,781 87,312
R S	Secondary Power 1941 (1) 1942 (1)	Х	615,275 625,237	600 60°	- 40
7 (P · P) U (Q + S)	Total 1941 1942		5,041,763 6,068,752	1,507 1,861	76,781 87,312
	DAILY AVERAGE CONSUMPTION OF FE	IRM I	POWER (OUTPUT 1	LESS EXPORTS	TO U.S.A.
	of 0) February 1941		70,786 87,789	22 32	1,245
Accommon to the second second second	and a second control of the second control o		THE PERSON NAMED AND POST OFFICE ADDRESS OF THE PERSON NAMED ASSESSMENT ASSES	4	

(1) " odae Secondary Power exported to U.S.A. t ii ised

	January	February	March	April	May	Ju
All The second s	1	TOT	AL OUTPUT			
1939	105.7	106.4	104.1	102.9	107.4	108
1940	111.9	113.7	106.8	112.3	123.0	124
1941	116.7	115.7	115.8	126.1	129.1	123
1942	142.9	136.6				
	QUTPU'	T LESS EXPOR	TS AND SECO	DIDARY POWER	(Revised)	
1939	107.0	106.9	106.7	108.0	109.9	110
1940	119.7	123.4	120.5	126.1	130.6	129
1941	145.1	147.5	148.0	151.7	152.4	154
1942	180.7	180.5				
~ / ~			1			

#### STATION DATA

FEBRUARY, 1942.

#### Kilowatt hours)

		T	1	anguardian Al-Salatian practicals of matter as with	The same and the s		
	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
	25,928 8,053	1,527,737	809,556	142,887	33,871 16,556	10,881	199,603 5,056
	33,981	1,528,150	809,556	143,062	50,427	29,894	204,659
	594	7,132	329,383	Control Contro	27	4,276	-
	34,575	1,535,282	1,138,939	143,062	50,427	34,170	204,659
	-	329,977	7,132	dia control de la control de l	Statement (State Control of State State State Statement of State S	as-	4,276
	2,325	49,668	54,778 69,237	83	©in All		40
	2,325	49,668	124,015	88	SEC	-	40
	2,325	379,645	131,147	88	Est	100	4,316
	32,250	1,155,637	1,007,792	142,974	50,427	34,170	200,343
	*	63,677	70,016 19,786	54,385 -	TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	dio Vic	356
		63,677	89,302	54.3.1		and the state of t	356
	32,250	1,091,960	917,990	38,587	50,427	34,170	199,987
	73,635 80,420	2,325,090	1,285,462	165,435 190,140	95,571 106,930	50,000 63,297	353,007 429,260
	4,185	270,825	278,050	61,689	40	-	526
+	77,820	2,595,915	339,311	227.124	95,571	50,000	683
	82,657	3,274,224	1,718,675	303,853	106,930	63,297	353,533 429,943
	908	29,986 38,999	27,226 32,785	2,872 3,164	1,575	823	6,129 7,142

	July	August	September	October	November	December
			TOTAL C	UTPUT		
-	108.4 128.8 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9
		OUTPUT	LESS EXPORTS	AND SECONDAL	RY POWER (Re	vised)
	111.6 132.5 160.3	112.3 132.0 159.6	113°1 130°9 - 167°4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9

Month	1938	1939	1940	1941	1942
January Februar/ March April May June July August September October November December	2,283,691 2,057,598 2,258,197 2,063,801 2,081,035 1,975,185 1,987,774 2,075,901 2,163,455 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,363,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,052 1,330,652 2,589,956 2,601,536 2,556,242	2,526,143 2,337,031 2,426,157 2,398,722 2,671,537 2,578,383 2,615,232 2,500,179 2,339,678 2,487,455 2,524,860 2,584,341	2,634,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,836,647 3,140,317 3,183,982 3,220,800	3,226,289 2,842,463
Total 12 months  First 2 "	26,012,805 4,341,289	28,351,514 4,601,153	30,080,248 4,893,174	33,445,360 5,041,769	6,068,752

#### EXPORTS TO THE UNITED STATES

January February March Foril May June July	157,532 123,094 144,091 135,616 155,292 158,313 159,343	166,915 153,491 165,422 141,523 164,520 163,063 162,973	149,050 139,908 155,402 170,600 193,354 190,704 203,058	192,470 176,643 201,613 211,594 210,495 187,044 197,453	206,530 176,136
Acrust September October November December	149,438 151,691 165,455 165,299 161,290	177.324 159,715 151,794 155,247 150,138	192,236 188,983 168,904 185,492 199,866	187,633 183,954 196,578 199,856 214,261	
Total 12 months First 2 "	1,826,515 280,626	1,912,623 320,406	2,135,557	2,359,541 369,113	382,666

January	1,522,381	1,612,995	1,'805,591	2,188,080	2,724,622
February	1,404,034	1,455,426	1,680,884	2,008,725	2,458,107
March	1,539,443	1,581,562	1,786,563	2,194,373	, , , , , , , , , , , , , , , , , , , ,
April	1,447,356	1,508,777	1,784,640	2,146,361	
Vay	1,472,745	1,590,865	1,890,025	2,205,990	
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,062	1,609,545	1,893,312	2,288,214	
September	1,508,400	1,630,038	1,886,370	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,137	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 2 "	2,926,415	3,068,421	3,486,475	4,196,805	5,182,729

## DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

## DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA MARCH, 1942.

The daily average production of firm power for use in Canada reached a new high in March at 88,414,000 kw. hrs., as against a daily average of 87,789,000 kw. hrs. in February, and the index rose from 182.1 to 184.9.

Total production of both firm and secondary power amounted to 3,220,953,000 kw. hrs. as compared with 2,631,809,000 kw. hrs. in March last year, and the peak of 3,226,289,000 kw. hrs. in January this year.

Exports to the United States increased to 216,110,000 kw. hrs., the highest monthly export on record. An important factor in this heavy export was the export of 94,294,000 kw. hrs. of secondary or off peak power. Increased diversion of water at the Niagara plants for power purposes also made this export possible. Off peak power produced for use in Canada amounted to 264,013,000 kw. hrs. as compared with 235,823,000 kw. hrs. in March 1941.

#### ERRATA

March 1941 data were shown in error in the February 1942 report as the daily average consumption of firm power (item V) for February 1941. The correct data will be found in the February 1941 report.

28/4/42.

Price per year 50 cents.

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic ' Thermal	3,152,382 68,571	20 736	27,325 15,451	
C (A + B)	Total	3,220,953	756	42,776	
D	Receipts from other Provinces			0 + 9	
E (C + D)	Output plus Receipts	The research of the state of th	756	42,776	
F	Deliveries to other Provinces				
G H	Exports to U.S.A.  Firm Power Secondary "	121,816 94,294	7 e e	 	
I (G + H)	Total	216,110			
J (F + I)	Total Deliveries		0 0 0	9 0 4	
K (E - J)	Net consumption in Canada	3,004,843	756	42,776	
L M	Secondary Power For Boilers For other uses in Canada	240,388 23,625	6 0 8 8 0 0	220	
$N (\Gamma + \overline{n})$	Total	264,013	> 0 9	220	
0 (K - N)	Net consumption of Firm Power	2,740,830	756	42,556	
**COMMERCENTER AND ASSAULT SPECIAL SPE	CUMULATIVE PRODUCTION TOTALS. Jan	uary - March			
P Q	Firm Power 1941 1942	6,742,151 8,328,136	2,172 2,617	115,363 129,868	
R S	Secondary Power 1941 (1) 1942 (1)	931,421 983,544		220	
T (P + R) U (Q + S)	Total 1941 1942	7,673,572 9,311,680	2,172 2,617	115,363 130,088	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT 1	ESS EXPORTS	)	
V (Average	of 0) March 1941 1942	70,786 88,414	22 24	1,245 1,373	

(1) Includes Secondary Power exported to U.S.A.

INDEX NUMBERS
(Average 1935-39 = 100)

	Jenuary	February	March	April	May	June
		TOT	AL OUTPUT			
1939	105.7	106.4	104-1	102.9	107-4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941 1942	116.7 142.9	115.7 x 137.6	115.8 141.7	126.1	129.1	123.3
	OUTPU'	T LESS EXPOR	TS AND SECO	NDARY POWER		
1939	107.0	106.9	106.7	108.0	109-9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148-0	151.7	152.4	154.5
1942	x 182.8	x 182.1	184.9			1

MARCH, 1942

Kilowatt hours)

			A STATE OF S	Nr. Oak & Nr. W. Commen		
New Brunswick	Queboc	Ontario	Manitobe	Saskat- chewan	Alberta	British Columbia
 34,542 8,055	1,765,553 448	906:175	147,481	37,232 17,028	9,462	45 0 5 5 0 5 1 2 5 5
42,597	1,766,001	906,178	147,622	54,244	30,972	229,807
583	8,013	362,960	1 0 0	W 10 S	4,322	000
43,180	1,774,014	1,269,138	147,622	54,244	35,794	229,807
32	363,543	7,981	5 0 4	2 <i>q t</i>	0 0 0	4,822
2,523	55,482	63,694 94,294	76	4 to 17	* C O	and the second
2,523	55,482	157,988	76	e e c	0 0 3	41
2,555	419,025	165,969	76	0.20	4 6 9	4,863
40,625	1,354,989	1,103,169	147,546	54,244	35,794	224,944
1,195	113,150	73,306 23,405	52,378	William to the state of the sta	6 6 9 8 2 5 7	359
1,195	113,150	96,711	52,378	200	4 9 6	359
39,430	1,241,839	1,006,458	95,168	54,244	35,794	224,585
103,970	3,577,323 4,779,757	1,925,798 2,094,537	254,567 285,384	144,395 161,174	73,528 94,269	545,035 658,708
4,185 3,432	392,859 282,443	443,764 530,316	89,793 166,091	0 0 0	800	820 1,0 <b>4</b> 2
108,155. 125,254	3,970,182 5,062,200	2,369,562 2,624,853	344,360 451,475	144,395 161,174	73,528 94,269	545,855 659,750
908	29,986 40,059	27,226 32,466	2,872 3,070	1,575	823 1,155	6,129 7,245

INDEX NUMBERS
(Average 1935-39 = 100)

July	August	September	October	November	December	Put Barris Bas San Barrasina agragat also appropriately
		TOTAL C	UTPUT			
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112,3 109.0 117.5	109.4 111.4 138.9	
	OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER		
111.6 132.5 160.3	112.3 132.C 159.f	113.1 130.9 167.4	113.4 130.7 168.8	1.15.9 133.6 169.5	115.1 136.6 174.9	

Month	1938	7.4.79	2940	1941	1942
January February March April May June July August September October November December	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,651 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,501,536 2,536,242	2,526,143 2,387,031 2,426,157 2,398,722 2,071,507 2,178,383 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,966,647 3,140,317 3,183,992 3,220,800	3,226,289 <b>x2,</b> 864,438 3,220,953
Total 12 months First 3 "	26,012,805 6,593,486	28,351,514 6,967,8 <b>93</b>	7,319,331	33,445,360 7,673,578	9,311,680

#### EXPORTS TO THE UNITED STATES

January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,349	162,973	203,058	197,433	
August	149,493	177,824	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,492	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 3 "	424,717	485,828	444,360	570,726	598,776

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57-C

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### APRIL, 1942

Central electric stations produced 3,082,740,000 kw. hrs. in April as compared with 2,693,353,000 in April last year and 3,220,953,000 kw. hrs. in March. The index number adjusted for the unequal number of days in the months and other seasonal factors, reached a new high point at 144.3 as against 141.7 for March and the previous record of 142.9 for January.

Exports to the United States increased to 216,355,000 kw. hrs., the heaviest export in any month to date. The increase over March exports was all in secondary or off peak power which rose from 94,294,000 to 100,085,000 kw. hrs.

Secondary power used in Canada declined from 335,398,000 kw. hrs. in April last year and 264,013,000 kw. hrs. in March to 238,672,000 kw. hrs.

Firm power consumption in Canada (including line losses) increased from 2,146,361,000 kw. hrs. in April last year to 2,627,713,000 kw. hrs., and the index number reached a new high at 185.7 as compared with the previous record of 184.9 for March.

(Thousands of

		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	3,023,161 59,579	22 773	27,310 14,818	
C (A + B)	Total	3,082,740	795	42,128	
	Receipts from other Provinces		-	-	
C (C + D)	Output plus Receipts		795	42,128	
r	Deliveries to other Provinces		_	-	
7 8 7	Exports to U.S.A.  Firm Power Secondary "	116,270 100,085		***	
I (G + H)	Total	216,355		-	
J (F + I)	Total Deliveries				
K (E - J)	Net consumption in Canada	2,866,385	795	42,128	
L M	Secondary Power For Boilers For other uses in Canada	215,862 22,810	-	- 227	
M (T + M)	Total	238,672		227	
0 (K - N)	Net consumption of Firm Power	2,627,713	795	41,901	
	CUMULATIVE PRODUCTION TOTALS. Jan	nuary - April			
P Q	Firm Power 1941 1942	9,006,114	2,885 3,412	156,070 171,769	
R S	Secondary Power 1941 1942	1,360,817	_	447	
T (P + R) U (Q + S)	Total 1941 1942	10,366,931 12,394,420	2,885 3,412	156,070 172,216	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORTS	AND SECO	DARY F
V (Average	of 0) April 1941 " ") " 1942	71,545 87,590	24 26	1,357 1,397	

(1) Includes Secondary Power exported to U.S.A.

.7 106.4 .9 113.7 .7 115.7 .9 137.6	104.1 106.8 115.8 141.7	102.9 112.3 126.1	107.4 123.0 129.1	108.2 124.2 123.3
113.7 115.7 137.6	106.8 115.8	112.3	123.0	124.2
7 115.7 9 137.6	115-8	126.1		
9 137.6			129.1	123.3
	141.7			
DUTPUT LESS EXPO		144.3 ONDARY POWER		
0 106.9	106.7	108-0	109-9	110.9
7 123.4				129.2
1 147.5	148.0			154.5
.8 182.1	184.9	185.7		
•	7 123.4 1 147.5	7 123.4 120.5 1 147.5 148.0	7   123.4   120.5   126.1   147.5   148.0   151.7	7   123.4   120.5   126.1   130.6   147.5   148.0   151.7   152.4

Kilowatt hours)

		1	T T	T	1	
New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
38,944 6,925	1,715,049 412	850,220	134,577 127	34,615 16,123	10,974	211,450
45,869	1,715,461	850,220	134,704	50,738	29,166	213,659
542	7,390	348,084	-	_	5,270	_
46,411	1,722,851	1,198,304	134,704	50,738	34,436	213,659
 , gran	348,626	7,390	_	-	_	5,270
2,254 -	53,485 -	60,419 100,085	80	-	-	34 -
 2,254	53,483	160,504	80	-	_	34
2,254	402,109	167,694	80	-	-	5,304
 44,157	1,320,742	1,030,410	134,624	50,738	34,436	208,355
 4,846	104,982	60,305 22,583	45,789	- -		340 <del>-</del>
4,846	104,982	82,888	45,389	040		340
39,311	1,215,760	947,522	89,235	50,738	34,436	208,015
142,068 162,845	4,790,495 6,290,236	2,545, <b>5</b> 15 2,761,784	340,908 374,699	190,784 211,912	96,650 123,435	740,739 <b>87</b> 2,027
4,245 8,278	612,009 387,425	617,863 713,289	125,588 211,480	Green minth	-	1,114 1,382
146,311 171,123	5,402,504 6,777,661	3,163,378 3,475,073	466,496 586,179	190,784 211,912	96,650 123,435	741,853 873,409
1,206 1,310	29,823 40,525	27,422 31,584	2,875 2,975	1,546 1,691	829 1,148	6,463 6,934

July	August	September	October	November	December	
		TOTAL O	UTPUT			
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9	
	OUTPUT	LESS EXPORTS	AND SECONDA	RY POWER		
111.6 132.5 160.3	112.3 132.0 1.59.6	113.1 130.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 136.6 174.9	

Month	1938	1939	1940	1941	1942
January	2,283,691	2,386,979	2,526,143	2,634,701	3,226,289
February	2,057,598	2,214,174	2,337,031	2,407,068	2,864,438
March	2,258,197	2,366,740	2,426,157	2,631,809	3,220,953
April	2,063,801	2,197,579	2,598,722	2,693,353	3,082,740
May	2,081,935	2,333,443	2,671,567	2,805,394	
June	1,973,155	2,245,537	2,578,383	2,560,060	
July	1,987,774	2,205,844	2,615,232	2,661,145	
August	2,075,991	2,293,032	2,500,179	2,640,084	
September	2,168,435	2,380,652	2,399,678	2,866,647	
October	2,333,461	2,589,956	2,487,455	3,140,317	
November	2,375,661	2,601,536	2,524,860	3,183,982	
December	2,353,196	2,536,242	2,584,341	3,220,800	
Total 12 months First 4 "	<b>26,012,805</b> <b>8,663,287</b>	28,351,514 9,165,272	30,080,248 9,718,053	33,445,360 10,366,931	12,394,420

#### EXPORTS TO THE UNITED STATES

January February	157,532 123,094	166,915 153,491	149,050 139,908	192,470 176,643	206,530
March	144,091	165,422	155,402	201,613	176,136 216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	193,354	210,495	
June	158,313	163,063	190,704	187,044	
July	159,349	162,973	203,058	197,433	
August	149,493	177,824	192,236	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,261	
Total 12 months	1,826,515	1,912,323	2,135,557	2,359,541	
First 4 "	560,333	627,351	614,960	<b>7</b> 82,320	815,131

January February March April May June July August September October	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609,545 1,630,038 1,753,729	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,238,214 2,412,334 2,610,102	2,756,555 2,480,082 2,740,830 2,627,713
October November December		1,753,729 1,760,849 1,770,859	2,021,032 2,030,222 2,083,949	2,610,102 2,576,187 2,669,339	
Total 12 months First 4 "	18,056,235 5,913,214	19,405,172 6,178,760	22,521,509 7,05 <b>7</b> ,6 <b>7</b> 8	27,701,116 8,537,539	10,605,180

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Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

### OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

MAY, 1942

Central electric stations produced 3,174,764,000 kw. hrs. in May as compared with 2,805,394,000 kw. hrs. in May last year. On a daily basis this was slightly less than was produced in April, but May contained 5 Sundays, 5 Saturdays and a holiday, which would affect the daily average. The index number, however, advanced to a new high at 146.1 as against April's 144.3

Exports to the United States reached a new high at 225,610,000 kw. hrs. made up of 123,918,000 kw. hrs. of firm power and 101,692,000 kw. hrs. of secondary power. The increase over May 1941 exports was practically all in secondary power.

Production of secondary power for use in Canada amounted to 291,739,000 kw. hrs. as against 388,909,000 kw. hrs. in May 1941.

Consumption of firm power in Canada (output less exports and secondary power) amounted to 2,657,415,000 km. has. as compared with 2,205,990,000 km. hrs. in May last year, an increase of 20 p.c., but the index number dropped from 185.7 for April to 183.6. Again the unequal number of working days may have accounted for this decrease.

5

(Thousands of

No. of College and State of St	the transferring standards for process from experiments assume the standard transferring a standard and stand				7
		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	3,116, <b>547</b> 58,217	21 673	26,104 14,823	
C (A + B)	Total	3,174,764	694	40,927	
D	Receipts from other Provinces				
E (C + D)	Output plus Receipts	• • •	694	40,927	
F	Deliveries to other Provinces	\$ 0 \$			
G H	Exports to U.S.A. Firm Power Secondary "	123,918	0 0 0	0 0 0	
I (G + H)	Total	225,610			
J (F + I)	Total Deliveries	0 0 0	9 0 3	0	
K (E - J)	Net consumption in Canada	2,949,154	694	40,927	
I.	Secondary Power  For Boilers  For other uses in Canada	26d,435 23,304	0 0	254	
N (L + M)	Total	291,739	6 0 0 0	254	
0 (K - N)	Net consumption of Firm Power	2,657,415	694	40,673	
Alternative section of the section o	CUMULATIVE PRODUCTION TOTALS. Jan	uary - May			
P	Firm Power 1941 1942	11,335,543	3,516	185,905	
N	Secondary Power 1941 (1) 1942 (1)	1,836,782 1,715,732	0 7 3	11,336	
T (P + R) U (Q + S)	Total 1941 1942	13,172,325 15,569,184	3,516 4,106	197,241 213,143	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT I	LESS EXPORTS	AND SECO	NI
V (Average	of 0) May 1941 " ") " 1942	71,160 85,723	20 22	1,291	
(3)	Twalinday Carandamy Power award of				

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
HERALESAMBER ANNOYE ANNOYE CON AMPRICAL SALESAMENTS SALESAMENTS SALESAMENTS SALESAMENTS SALESAMENTS SALESAMENTS	man a salar (s.	TOT	AL OUTPUT			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116-7	115.7	115.8	126.1	129.1	123.3
1942	142.9	137.6	141.7	144.3	146.1	2.00
	QUTPU1	LESS EXPOR	TS AND SEC	ONDARY POWER		1
1939	107.0	106.9	106.7	108.0	109.9	, 110.9
1940	119.7	123.4	120.5	126,1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.9
1342	182.8	182.1	184.9	185.7	183.6	

#### Kilowatt hours)

	New Brunswick	Quehec	Ontario	Manitoba	Saskat - cheven	Alberta	British Columbia
	36,745 7,805	1,793,083	868,063	132,637	32,759 15,788	17,653	209,482 5,186
	44,550	1,793,509	868,063	132,766	48,547	31,040	214,668
	590	6,690	351,987	0 0 0	0 0 0	3,252	8 0 0
	45,140	1,800,199	1,220,050	132,766	48,547	34,292	214,668
1		352,577	6,690	0 0 0		2 0 0	3,252
	2,535	55,304	65,967 101,692	76	* · · · · ·	9 * 0 3 0 0	36
	2,535	55,304	167,659	76		<b>8</b> 0 q	36
	2,535	407,881	174.349	76	000	6 0 5	3,288
	42,605	1,392,318	1,045,191	132,690	48 547	34,292	211,380
	4,068	171,231	<b>52,606</b> 23,050	40,283		.000	247
+	4,068	171,231	75,656	40,283	6 5 5	<b>09</b> 0	247
	38,537	1,221,087	970,045	92,407	48,547	34,292	211,133
	191,988 203,327	6,033,416 8,012,514	3,185,808 3,452,499	429,088 467,182	239,929 260,459	120,814 154,475	945,079 1,086,448
	1,164	859,578 558,656	795,009	168,313 251,763	0 0 0	3 G 9	1,382
	193,152 215,673	6,892,994 8,571,170	3,980,817 4,343,136	597,401 718,945	239,929 260,459	120,814 154,475	946,461 1,088,077
	1,222	29,486 39,390	27,344 31,292	2,842 2,981	1,585	845 1,106	6,525 6,811

July	August	September	Cctober	November	December	
		TOTAL C	UTPUT		1	
108.4 128.6 130.8	109-5 119-4 126.1	113.1 114.0 136.2	123.3 100.6 137.4	112.3 109.0 137.5	187 4	
	OURPUT	LLSS EXPORTS	AND SECONDA	R" POWER		
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130. 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116,1 136.6 174.9	

Month	1938	1939	1940	1941	1942
January February March April May June July August September October November December	2,283,691 2,057,598 2,258,197 2,063,801 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,235,431 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,360,652 2,569,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,383 2,615,232 2,500,179 2,390,678 2,487,455 2,524,960 2,584,341	2,634,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,982 3,220,800	3,226,289 2,864,438 3,220,953 3,082,740 5,174,764
Total 12 months First 5 "	26,012,805	28,351,514	30,080,248	33,445,360 13,172,325	15,569,184

#### EXPORTS TO THE UNITED STATES

January February	157,532 123,094	166,915 153,491	149,050 139,908	192,470 176,643	206,530 176,136
March April	144,091 135,616	165,422 141.523	155,402 170,600	201,613 211.594	216,110 216,355
May June	155,292	164,520 163,063	193,354 190.704	210,495	225,610
July	158,313 159,349	162,973	203,058	187,044 197,433	
August September	149,493	177,824 159,713	192,236	187,600 183,954	
October	165,455	151,794	168,904	196,578	
November December	165,299 161,290	155,247 150,138	185,492 199,866	199,856 214,261	
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	·
First 5 "	715,625	791,871	808,314	992,815	1,040,741

January February March April	1,522,381 1,404,034 1,539,443 1,447,356	1,612,995 1,455,426 1,581,562 1,528,777	1,805,591 1,680,884 1,786,563 1,784,640	2,188,080 2,008,725 2,194,373 2,146,361	2,756,555 2,480,082 2,740,830 2,627,713
May	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
June	1,439,682	1,555,822	1,812,317	2,167,151	
July	1,434,504	1,554,705	1,846,304	2,234,260	
August	1,487,662	1,609,545	1,393,512	2,288,214	
September .	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,654	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,187	
December	1,809,049	1,770,839	2.083,949	2,639,339	
Total 12 months	18,056,235	19,405,172	22,521,509	27,701,116	
First 5 "	7,385,959	7,769,625	8,947,703	10,743,529	13,262,595

## DEPT. OF POLITICAL SCIENCE

Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

57-001

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

#### CUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA

#### JUNE, 1942.

Central electric stations produced 3,043,200,000 kw. hrs. during June, an increase of 18.9 p.c. over the output of 2,560,060,000 kw. hrs. in June last year. For the six months the total output was 18,612,384,000 kw. hrs. or 18.3 p.c. above the output for the first half of 1941.

Exports to the United States amounted to 212,012,000 kw. hrs., consisting of 119,117,000 kw. hrs. of firm power and 32,895,000 kw. hrs. of secondary power as against 115,655,000 and 71,389,000 kw. hrs. respectively in June last year.

Secondary power produced for use in Canada increased from 205,865,000 kw. hrs. last year to 249,143,000 kw. hrs., and sas down from May by 42,596,000 kw. hrs. or by 11.8 p.c. on a daily basis.

Consumption of firm power in Canada (total output less exports and secondary power) amounted to 2,582,045,000 km. hrs., or a daily average of 86,068,000 km. hrs. as against an average of 85,723,000 km. hrs. in May, of 72,238,000 km. hrs. in June last year and a peak of 88,414,000 km. hrs. in March 1942.

For the six months. January - June, firm power consumption increased over the first six months of the previous year by 15.4 p.c. in 1940, by 20.0 p.c. in 1941 and by 22.7 p.c. in 1942 as against an average increase in 1935, 1936 and 1937 of 6.6 p.c.

(Thousands of

		Totml	Prince Edward Island	Nova. Scotia
A B	Production - Hydraulic Thermal	2,988,143 55,057	18 €70	23,866 14,557
C (A + B)	Total	3,043,200	688	38,423
D	Receipts from other Provinces		9 Q B	0 0 0
E (C + D)	Output plus Receipts		688	38,423
F	Deliveries to other Provinces		6 5 9	0.50
G H	Exports to U.S.A.  Firm Power Secondary "	119,117 92,895	0 0 0 11 1 2	000
I (G + H)	Total	815,519	1 7 16	* 4 4
J (F + I)	Total Deliveries		4	
K (E - J)	Net consumption in Canada	2,831,188	688	1., \$23
L M N (L + M)	Secondary Power For Boilers For other uses in Canada Total	226,116 23,027 249,143		
0 (K - N)	Net consumption of Firm Power	2,582,045	688	=1,421
MARK MINISTER CONTRACTOR	P. No. C. C. Communication of the property and the communication of the	anuary - June		
P	Firm Power 1941 1942	13,618,349	4,115	233,400
R S	Secondary Power 1941 (1) 1942 (1)	2,114,036 2,057,770	* * *	1,707
T (P + R) U (Q + S)	Total 1941 1942	15,732,385 18,612,384	4,115° 4,794	235,107 251,566
	DAILY AVERAGE CONSUMPTION OF FIRE	M POWER (OUTPUT L	ESS EXPOPTS	AND SEC
V (Average	of 0) 1941 "") 1942	72,238 86,068	20 23	1,244 1,281

(1) Includes Secondary Power exported to U.S.A.

(Average 1935-39 = 100)

	可以用的证明	February	Mes el.	aprila	Wa ?	. %113
a removede species that it is the second of the production of the second	The set of the control of the second formation or the control of the second or the sec	TOT	AL OUTPUT	1		
1939 1940 1941 1942	105.7 111.9 116.7 142.9 OUTPUT	106.4 113.7 115.7 137.6	104.1 106.8 115.8 141.7	102.9 112.3 126.1 144.3 DNDARY POWER	107.4 123.0 129.1 146.1	108.2 124.2 123.3 146.6
1939 1940 1941 1942	107.0 119.7 145.1 182.8	106.9 123.4 147.5 182.1	106.7 120.5 148.0 184.9	108.0 126.1 151.7 185.7	109.9 130.6 152.4 183.6	110.9 129.1 154.1

#### Kilowatt hours)

-			·		desperation of the second section 2004 - 2	regionary of the contract of t	
	New Brunswick	Quebec	Onterio	Manitoba	Saskat - chewan	Alberta	British Columbia
	37,295 8,674	1,749,017	819,901	107,368	33,456 15,591	22,920 9,517	194,302
	45,969	1,749,431	819,901	107,494	49,047	32,437	199,810
1	583	5,235	542,502	000	• • •	2,609	•••
1	46,552	1,754,666	1,162,403	107,494	49,047	35,046	199,810
	31	343,085	5,204	•••	•••	000	2,609
	2,636	53,765	*.,60. 92,895	76	0 + +	6 0 0 0 0 0	32
	2,636	53,765	155,503	76			32
1	2,567	396,850	160,707	76	4 9 8		2,641
	43,885	1,357,816	1,001,696	107,418	49,047	35,046	197,169
-	5,229	156,161	40,781 23,027	23,661	2 0 0	* * *	284
+~	5,229	156,161	63,808	23,661	• • •	0 + 0	284
	38,656	1,201,655	937,888	83,757	49,047	35,046	196,885
1	222,795 244,067	7,275,132 9,605,784	3,80 <b>4,197</b> 4,115,697	514,067 551,015	286,756 309,506	144,001 186,912	1,133,886 1,285,974
1	16,194 17,575	947,430 714,817	950,724 1,047,340	196,432 275,424	• • •		1,549 1,913
	238,989 261,642	8,2 <b>22,562</b> 10,320,601	4,754,921 5,163,037	710,499 826,439	286,756 309,506	144,001 186,912	1,135,435 1,287,887
Jeres and Supplementation of the second	1	31,006 40,055	27,196 31,263	2,832 2,792	1,562 1,635	8 <b>4</b> 1 1,168	6,224 6,563

July	August	September	Cotober	November	December	
		TOTAL C	UTPUT			
108.4 128.6 130.8	109.5 119.4 126.1	113.1 114.0 136.2	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9	
	OUTPUT	LESS EXPORTS	AND SUCONDA	RY POWER		
111.6 132.5 160.3	112.3 132.0 159.6	113.1 130.9 167.4	1 1	7 3, a 7 5	115.1 5.6 174.9	

11-25	1936	1939	1940	1341	1942
January February	2,283,691 2,057,598 2,258,707	2,386,979 2,214,174 2,355,740 2,197,579	2,526,143 2,367,031 2,423,157 2,393,722	2,634,701 2,407,068 2,631,809 2,693,353	3,226,289 2,864,438 3,220,953 3,082,740
May June July August	2,081,935 1,973,155 1,987,774 2,075,901	2,333,443 2,245,537 2,205,844 2,293,032	2,671,567 2,578,883 2,615,232 2,500,179	2,805,394 2,560,060 2,661,145 2,640,084	3,174,764 3,043,200
September October   1981   1   Lecaster	2,168,435 2,333,461 2,353,193	2,380,652 2,589,956 1,601,556 0,536,242	2,399,678 2,487,455 2,584,860 2,584,341	2,836,647 3,140,317 3,183,982 3,220,800	
Total 12 months  First 6 "	26,012,805	28,351,514	30,080,248	33,445,360 15,732,385	18,612,384

#### EXPORTS TO THE UNITED STATES

the test of the section of the secti	THE STATE OF THE SHEW STATE !		Service - 120 to 67 to 120 months from the superior		
January	157,532	166,915	149,050	192,470	206,530
February	123,094	153,491	139,908	176,643	176,136
March	144,091	165,422	155,402	201,613	216,110
April	135,616	141,523	170,600	211,594	216,355
May	155,292	164,520	133,334	210,495	225,610
June	158,313	163,063	190,704	187,044	212,012
6.73	IA9,349	162,973	20%,058	197,433	
11.00	140,498	177,824	207,058 192,056	187,600	
September	151,691	159,713	186,983	183,954	
October	165,455	151,794	168,904	196,578	
November	165,299	155,247	185,432	199,856	
December	161,290	150,138	199,866	214,261	
Motol Il wonths	1,826,515	1,912,623	2,135,557	2,359,541	
Part 6	873,938	954,934	999,018	1,179,859	1,252,753

January	1,522,381	1,612,995	1,805,591	2,188,080	2,756,555
February	1,404,034	1,455,426	1,680,884	2,008,725	2,480,082
March	1,539,443	1,581,562	1,786,563	2,194,373	2,740,830
April	1,447,356	1,528,777	1,784,640	2,146,361	2,627,713
May June July, August	1,472,745 1,439,682 1,434,504 1,487,662	1,590,865 1,555,822 1,554,705 1,609.555	1,890,025 1,812,317 1,846,304 1,893,312	2,205,990 2,167,151 2,234,260 2,238,214	2,657,415 2,582,045
September	1,508,400	1,630,038	1,886,670	2,412,334	
October	1,602,664	1,753,729	2,021,032	2,610,102	
November	1,588,315	1,760,849	2,030,222	2,576,137	
December	1,609,049	1,770,859	2,083,949	2,669,339	
Piret 0	10,000, Jg-12:4641	010, 05.18 3,325,447	10,760,020	27,701,116	15,844,640

## DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

Published by Authority of the Hon. James A. MACKINNON, M.P.,

Minister of Trade and Commerce.

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECIPIC STATIONS IN CANADA JULY, 1942.

Central electric stations produced 2,965,655,000 kw. hrs. during July as compared with 3,043,200,000 in June and 2,661,145,000 in July last year. The decrease from June was entirely in secondary power which declined from 342,038,000 to 214,216,000 kw. hrs., whereas firm power increased from 2,701,162,000 to 2,751,459,000 kw. hrs. On a daily basis, however, the July rate of production of firm power was 1.4 p. c. lower than in June. The decline was less than the usual and the index of firm power production for use in Canada, adjusted for seasonal variations, increased from 184.1 to 188.6, the highest reached to date.

Exports to the United States amounted to 195,827,000 kw. hrs., composed of 123,333,000 kw. hrs. of firm power and 72,494,000 kw. hrs. of secondary power.

Production of secondary power for use in Canada dropped from 229,452,000 kw. hrs. in July 1941 to 141,722,000 kw. hrs., or by 38 p.c. In Quebec, where over half of this power was used in 1941, the decrease was over 50 p.c., and in Ontario it was 27 p.c.

Consumption of firm power in Quebec increased from 950,033,000 kw. hrs. in July 1941 to .,246,853,000 kw. hrs. or by 31.2 p.c., and in Ontario from 842,122,000 to 938,022,000 kw. hrs. or by 1.4 p.c., compared with an increase in the total for Canada of 17.6 p.c.

15/8/42

Price per year 50 cents.

(Thousands of

providence someone someone		·		
The state of the s		Total	Prince Edward Island	Nova Scotia
A B	Production - Hydraulic Thermal	2,909,722 55,933	12 <b>6</b> 48	20,618
C (A + B)	Total	2,965,655	660	35,530
D	Receipts from other Provinces			
E (C + D)	Output plus Receipts		660	35,530
r	Deliveries to other Provinces			
G H	Exports to U.S.A.  Firm Power Secondary "	123,333	* * *	
I (G + H)	Total	195,827		
J (F + I)	Total Deliveries			• • •
K (E - J)	Net consumption in Canada	2,769,828	660	35,530
L	Secondary Power For Boilers For other uses in Canada	120,117 21,605	• • •	73
N (T + M)	Total	141,722		73
0 (K - N)	Net consumption of Firm Power	2,628,106	660	35,457
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - July		
P	Firm Power 1941	15,974,7 <b>66</b> 19,306,053	4,704 5,454	271,044 286,322
R S	Secondary Power 1941 (1) 1942 (1)	2,418,764	• • •	1,980
T (P + R) U (Q + S)	Total 1941 1942	18,393,530 21,578,039	4,704 5,454	273,024 287,096
	DAILY AVERSE CONSUMPTION OF FIRM	POWER (OUTPUT I	ASS EXPORTS	& SECONDAL
V (Average	of 0) July 1941 (revised) " ") 1942	72,073 84,777	19 21	1,214
Bertana de la companya del companya de la companya del companya de la companya de	CONTROL OF THE PROPERTY OF THE			

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	Jun
,		3	AL CUTPUT			
1939	105.7	106.4 113.7	104.1	102.9 112.3	107.4	108.
1942	116.7 142.9 putput	115.7 137.6 LESS EXPOR	115.8 141.7 TS AND SECO	126.1 144.3 ONDARY POWER	129.1	123.
1939	107.0	106.9	106.7	108.0	109-9	110.
1940 1941	119.7 145.1	123.4 147.5	120.5 148.0	126.1 151.7	130.6 152.4	129. 154.
1942	182.8	182.1	184.9	185.7	183.6	184.

#### STATION DATA

JULY, 1942

#### Kilowatt hours)

		-	mportunisticamento en esta contrata decimales e a	"Exception of the control of the con-			
	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia
	31,506 9,124	1,706,267	790,509	100,515 <b>129</b>	34,590 <b>15,696</b>	23,719 <b>9,643</b>	201,986
	40,630	1,706,687	790,503	100,644	50,286	33,362	207,347
	596	4,845	342,907	6 ¢ 6		2,564	• • •
	41,226	1,711,532	1,133,416	100,644	50,286	35,926	207,347
-		343,503	4,845	V 3 0		* 3 4	2,564
	2,663	55,615	64,938 72,494	74	\$ @ Z	c o o	43
	2,663	55,615	137,632	74	0 * 0	0 0 0	43
	2,663	399,118	142,277	74	7 0 0	0 0 0	2,607
	38,563	1,312,414	991,139	100,570	50,286	35,926	204,740
	4,505	65,561	31,585 21,532	18,337	0 0 0		129
4	4,505	65,561	53,117	18,337		0 6 6	129
	34,058	1,246,853	938,022	82,233	50,286	35,926	204,611
	268,076 280,192	<b>8,5</b> 49,205 11,246,910	4,442, <b>6</b> 75 4,780,595	596,935 633,322	335,971 359,792	168,635 220,274	1,337,521 1,493,192
	19,426 22,080	1,079,190 780,378	1,098,829	217,704 293,761	0 0 0	0 0 0	1,635 2,042
	287,502 302,272	9,628,395 12,027,288	5,541,504 5,953,546	814,639 927,083	335,971 359,792	168,635 220,274	1,339,156 1,495,234
	1,408 1,099	30,646 40,221	27,165 30,259	2,671 2,653	1,588	<b>86</b> 1 1,159	6,501 6,600

July	August	September	October	Noasmper	December
		TOTAL C	UTPUT	Co. Improved to the control of the c	
106.4 128.6 130.8 145.8	109.5 119.4 126.1	113.1 114.0 136.2	113-3 108-8 137-4	112.3 109.0 137.5	109.4 111.4 138.9
111.6 132.5 160.3 132.6	112.3 122.0 159.6	113.1 120.9 167.4	113.4 130.7 168.8	115.9 133.6 169.5	116.1 236.6 174.9

Month	1938	1939	1940	1941	1942
January February March April May June July August September October November December	2,283,691 2,057,598 2,258,197 2,063,301 2,081,335 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,379 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,956 2,601,536 2,536,242	2,526,143 2,367,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,399,678 2,487,455 2,524,860 2,584,341	2,634,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,982 3,220,800	3,226,289 2,864,438 3,220,953 3,082,740 5,174,764 3,043,200 2,965,655
Total 12 months First 7 "	26,012,805 14,706,151	28,351,514 15,950,096	30,080,248	33,445,360	21,578,039

#### EXPORTS TO THE UNITED STATES

January February Warch April May June July August September October November December	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 141,523 164,520 163,063 162,973 177,824 159,713 151,794 155,247 150,138	149,050 139,908 155,402 170,600 193,354 190,704 203,058 192,236 186,983 168,904 185,492 199,866	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600 183,954 196,578 199,856 214,261	206,530 176,136 216,110 216,355 225,610 212,012 195,827
Total 12 months First 7 "	1,826,515 1,033,287	1,912,623	2,135,557	2,359,541	1,448,580

January February March April May June July August September October November December	1,522,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,682 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,455,426 1,581,562 1,528,777 1,590,865 1,555,822 1,554,705 1,609, <b>555</b> 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,563 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,083,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,288,214 2,412,334 2,610,102 2,576,187 2,669,339	2,756,555 2,480,082 2,740,830 2,627,713 2,657,415 2,582,045 2,628,106
Total 12 months	18,056,235	19,405,182	22,521,509	27,701,116	18,472,746

Published by Authority of the Hon. James A. MACKINNON, M.P., Minister of Trade and Commerce.

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Acting Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C.

Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA AUGUST, 1942

Central electric stations produced 2,989,675,000 km. hrs. during August as compared with 2,965,655,000 km. hrs. in July and 2,640,084,000 km. hrs. in August last year. The increase over July was less than normal and the index number dropped from 145.8 to 142.8.

Exports to the United States increased from 187,600,000 kw. hrs. in August, 1941 to 195,052,000 kw. hrs., made up of 124,770,000 kw. hrs. of firm power and 70,282,000 of secondary or off peak power.

Consumption of secondary power in Canada declined from 164,270,000 kw. hrs. a year ago to 102,224,000 kw. hrs., or by 38 per cent.

Firm power produced for use in Canada (including line losses) amounted to 2,692,399,000 km. hrs., which was exceeded only by the January 1942 production and was 4 per cent above the July production, but the index number adjusted for holidays and other seasonal factors declined from 188.6 for July to 187.8; this was the second highest to date.

(Thousands of

na na gatajumanen. Au sur - 1 (1974) hid		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	2,931,948 57,727	10 715	20,187 15,643	
C (A + B)	Total	2,989,675	725	35,830	
)	Receipts from other Provinces	0.00	609		
	Cutput plus Receipts	> 0 0	725	35,030	
হ	Deliveries to other Provinces	0 0 0	υ ⊕ ⊕		
G H·	Exports to U.S.A.  Firm Power Secondary	124,770 70,282	0 0 P	p n 4	
I (G + H)	Total	195,052		0 % 6	
) (E - 1)	Total Deliveries	÷ 4 0	400	640	_
K (E - J)	Net consumption in Canada	2,794,623	725	35,830	
L M	Secondary Power For Boilers For other uses in Canada	33,646 18,578	0 4 V	165	
N (L + M)	Total	102,224	•••	165	
0 (K - N)	Net consumption of Firm Power	2,692,399	725	35,665	
PA POLL MAIN THE RANGE .	CUMULATIVE PRODUCTION TOTALS. Jan	nuary - August	pares. 200-		
r O	Firm Power 1941 1942	18,385,110 22,123,222	5,352 6,179	310,056	
ž.	Secondary Power 1941 (1) 1942 (1)	2,648,001 2,444,492	000	2,225 939	
(P + R) (I (Q + S)	Total 1941 1942	21,033,614 24,567,714	5,352 6,179	312,281 322,926	
	CALLY AVERAGE CONSUMPTION OF FIRM	FOWER (OUTPUT	LESS EXPERTS		ID.
W (Average	of 0) August 1941 " ") " 1942	73,813 86,851	21	1,258	

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	Apral	Mag	June
ego prisi hormo, kon i i i i i	Colonia Milati Ci di Parilerana desanti della della Parilera	TOT	AL OUTPUT			
1939	105.7	106.4	104.1	102.9	107.4	108.2
1940	111.9	113.7	106.8	112.3	123.0	124.2
1941	116.7	115.7	115 -8	126.1	129.1	1.23 • 3
1942	142.9	137.6	141.7	144.3	146.1	146.6
	OUTPUT	LESS EXPOR	TS AND SEC	ONDARY POWER	confunction of the confusion of the conf	
1939	107.0	106.9	106.7	108.0	109.9	110.9
1940	119.7	123.4	120.5	126.1	130.6	129.2
1941	145.1	147.5	148.0	151.7	152.4	154.5
1942	182.8	182.1	184.9	185.7	183.6	184.1

Kilowatt hours)

				Company Colombia Advance & Appen			
	New Brunswick	Quebec	Ontario	Manitoba	Cher all	Alberta	British Columbia
	27,908 8,910	1,719,180 459	789,037	107.513 135	35,236	23,744	209,136 5,495
1	36,818	1,719,639	789,037	107,648	51,648	33,699	214,631
-	592	7,433	342,864	064	G @ 9	2,437	
1	37,410	1,727,072	1,131,901	107,648	11, 544	36,136	214,631
+	⊕ ⊅ ♦	343,456	7,433	300	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	296	2,437
Personal and Agents an	2,425	55,802	<b>66, 412</b> 70, 262	85	300	€ 8 \$	46
	2,425	35,808	236,694	85		\$ 5 ¢	46
I	2,425	309,258	1.44, 127	85	340	6 % )	2,483
	34,985	1,327,814	987,774	107,563	51,648	36,136	212,148
The second secon	78	41,004	23,025 18,413	19, 3)1	\$ 5 9	439 •••	3 18
	78	41,004	41,438	19,391	690	* 2 9	148
	34,907	1,286,810	946,336	88,172	51,645	36,136	212,000
	311,099	9,845,938 12,925,546	5,099,544 5,457,812	683,084 721,578	385,568	193,578	1,550,891 1,707,675
	20,602	1,150,251	1,238,182	235,450 313,153	•••	•••	1,794
	331,701 339,090	10,995,189	6,337,726 6,742,583	918,534 1,034,731	385, J69 411, 140	193,578	2,190 1,552,685 1,709,865
	1,341	31,262	27,869 30,587	2,776 2,844	1,600	873 1,165	6,813 6,840
						10.002.0	

July	August	September	October	p. 1865. [	De todapate
		TOTAL C	UTPUT	}	The state of the s
108.4	109.5	113.1	113.3	112.3	109.4
130.8 145.8	126.1	136.2	137.4	137.5	111.4
	OUTHIN	ALIS ENTERYS	WED BESCH &	e i sicklin	
111.6	112.3	113.1	113.4	115.9	116.1 136.6
160.3	159.6 187.8	167.4	168.8	169.5	174.9
	15,00		· copy	d. years damage	

Month	1938	1939	1940	1961	1942
January February March April May June July August September October November December	2,283,391 2,057,598 2,258,197 2,083,301 2,081,935 1,973,155 1,987,774 2,075,801 2,169,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,363,740 2,197,379 2,353,445 2,245,537 2,205,844 2,195,062 2,589,956 2,601,536 2,556,242	2,526,143 2,337,031 2,426,157 2,336,722 2,671,367 2,578,383 2,615,232 4,500,179 2,090,376 2,487,455 2,524,860 2,584,341	2,654,701 2,407,068 2,631,809 2,693,353 2,805,394 2,560,060 2,661,145 2,640,084 2,866,647 3,140,317 3,183,932 3,220,800	2,226,289 2,864,438 3,220,953 3,082,740 3,174,764 3,043,200 2,965,655 2,989,675
Total 12 months First 8 ".	26,012,805	28,351,514 18,243,128	20,087,914	21,050,614	24,567,714

#### EXPORTS TO THE UNITED STATES

January February March April May June July August September October	157,532 123,094 144,091 135,616 155,292 158,313 159,349 149,493 151,691 165,455	166,915 153,491 165,422 141,523 164,520 163,065 162,975 177,824 159,713 151,794 155,247	149,050 139,908 155,402 170,600 195,354 190,704 205,058 192,236 186,983 168,904 185,492	192,470 176,643 201,613 211,594 210,495 187,044 197,433 187,600 183,954 196,578 199,856	206,530 176,136 216,110 216,355 225,610 212,012 195,827 195,052
November December	165,299 161,290	155,247 150,138	199,866	214,261	
Total 12 months First 8	1,826,515 1,182,780	1,912,623 1,295,731	2,135,557	2,359,541	1,643,632

January February March April May June July August September October November December	1,53%,381 1,404,034 1,539,443 1,447,356 1,472,745 1,439,688 1,434,504 1,487,662 1,508,400 1,602,664 1,588,315 1,609,049	1,612,995 1,581,582 1,588,777 1,590,865 1,555,822 1,554,705 1,609,555 1,630,038 1,753,729 1,760,849 1,770,859	1,805,591 1,680,884 1,786,565 1,784,640 1,890,025 1,812,317 1,846,304 1,893,312 1,886,670 2,021,032 2,030,222 2,055,949	2,188,080 2,008,725 2,194,373 2,146,361 2,205,990 2,167,151 2,234,260 2,288,214 2,412,334 2,610,102 2,576,187 2,669,339	2,756,555 2,480,082 2,740,830 2,627,713 2,657,415 2,582,045 2,628,106 2,692,399
Total 12 months	18,056,235	19,405,182	22,521,509	27,701,116	
First 9	11,747,807	12,489,707	14,499.636	17,433,154	21,165,145

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DEPT. OF POLITICAL SCIENCE UNIVERSITY OF TORONTO

of the Hon. James A. MACKINNON, M.P., of Trade and Commerce.



# AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA SEPTEMBER, 1942

Central electric station output for September amounted to 2,946,611,000 kw. hrs. as compared with 2,866,647,000 kw. hrs. in 1941.

Exports to the United States dropped from 195,145,000 in August to 185,292,000 kw.

Secondary power for electric boilers and other uses declined from 270,359,000 kw. hrs. in September last year to 94,586,000 kw. hrs., and firm power consumption in Canada increased from 2,412,334,000 to 2,666,733,000 kw. hrs., or a daily average of 88,891,000 kw. hrs., which is the highest rate attained by the industry. In Quebec the daily average consumption of firm power increased from 34,805,000 kw. hrs. in September, 1941 to 41,698,000 kw. hrs., or by 19.8 p.c., and in Ontario from 30,400,000 to 32,110,000 kw. hrs., or by 5.5 p.c.

hrs.

(Thousands of

		Total	Prince Edward Island	Nova Scotim
	Production - Hydraulic Thermal	2,888,584 58,027	11 748	19,668 16,135
B C (A + B)	Total	2,946,611	759	35,803
	Receipts from other Provinces			
			759	35,803
	Output plus Receipts		0 0 0	
P	Deliveries to other Provinces			
G	Exports to U.S.A.  Firm Power  Secondary "	118,970		• • •
H I (G + H)	Total	185,292	• • •	•••
J (F + I)	Total Deliveries			
	Net consumption in Canada	2,761,319	759	35,803
K (E - J)				
L	Secondary Power For Boilers For other uses in Canada	74,957 19,629	0 0 0	• • •
N (T + M)	Total	94,586	• • •	900
0 (K - N)	Net consumption of Firm Power	2,686,733	759	35,803
		uary - Septem	nber	
P	Firm Power 1941 1942	20,917,763 24,908,925	6,049 6,933	349,095 357,790
Q R S	Secondary Power 1941 (1) 1942 (1)	2,982,498 2,605,400		2,417 939
T (P + R) U (Q + S)	Total 1941 1942	23,900,261 27,514,325	6,049 6,938	351,512 358,729
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORT	S AND SECON
V (Average	of 0) September 1941:	80,411 88,891	23 25	1,301
	•	1		

(1) Includes Secondary Power exported to U.S.A.

## INDEX NUMBERS (Average 1935-39 = 100)

	January	February	March	April	May	Ju
1939 1940 1941 1942	105.7 111.9 116.7 142.9 OUTPU	106.4 113.7 115.7 137.6	104.1 106.3 115.8 141.7 RTS AND SEC	102.9 112.3 126.1 144.3 ONDARY POWER	107.4 123.0 129.1 146.1	108 124 123 146
1939 1940 1941 1942	107.0 119.7 145.1 182.8	108.9 123.4 147.5 182.1	105.7 120.5 148.0 184.9	108.0 126.1 151.7 185.7	109.9 130.6 152.4 183.6	110 129 154 184

x - Revised.

#### STATION DATA

SEPTEMBER, 1942

Kilowatt hours)

			7	and an experience of the same	Antographic Committee and Committee		
	New Brunswick	Quebec	Ontario	Manitoba	Saskat - chewan	Alberta	British Columbia
	19,085 9,103	1,661,485 449	797,218	121,258	35,026 16,825	27,754 9,830	207,079
	28,188	1,661,934	797,218	121,408	51,851	37,584	211,866
_	605	5,414	352,762	•••	000	2,256	• 6 0
	28,793	1,667,348	1,149,580	121,408	51,851	39,840	211,866
_		352,967	5,41.4	8 0 0	0 0 0	0 0 0	2,256
	2,489	54,050	62,312 66,322	79	* 3 *	0 0 0	40
	2,489	54,050	128,634	79	000	0 0 0	40
	2,489	407,017	134,048	79	O D D	6 0 0	2,296
	26,304	1,260,331	1,015,532	121,329	51,851	39,840	209,570
	• • •	9,399	32,620 19,629	32,773	0 0 0	. 3 0 0	165
	• • •	9,399	52,249	32,773	0 0 0	3 0 0	165
	26,304	1,250,932	963,283	88,556	51,851	39,840	209,405
anny mile canapa	356,695 345,120	11,245,649	5,774,492 6,136,558	770,983 810,214	435,238 463,291	219,913 291,557	1,759,649
	22,989 22,158	1,311,737	1,365,227	278,148 345,925	000	000	1,919,376 1,9 <b>6</b> 0 2,355
	379,684 367,278	12,557,386 15,408,861	7,139,719 7,539,801	1,049,131 1,156,139	435,238 463,291	219,913 291,557	1,761,629 1,921,731
	.1,464 877	34,805 41,698	30,400 32,110	2,927 2,952	1,656 1,728	948 1,328	6,88 <b>7</b> 6,9 <b>8</b> 0

July	August	September	October	November	December
108.4 128.6 130.8 145.8	109.5 119.4 126.1 142.8	TOTAL 0 113.1 114.0 136.2 140.0	113.3 108.8 137.4	112.3 109.0 137.5	109.4 111.4 138.9
111.6 132.5 160.3 188.6	CUTPUT 112.3 132.0 159.6 187.8	113.1 130.9 167.4 185.0	113.4 130.7 x 168.7	115.9 133.6 169.5	116.1 136.6 x 175.3

# OUTPUT OF CENTRAL ELECTRIC STATIONS (Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January February March April May June July August September Octobar November December	2,283,691 2,057,598 2,258,197 2,063,901 2,081,935 1,973,155 1,987,774 2,075,901 2,168,435 2,333,461 2,375,661 2,353,196	2,386,979 2,214,174 2,366,740 2,197,579 2,333,443 2,245,537 2,205,844 2,293,032 2,380,652 2,589,958 2,661,536 2,535,242	2,526,143 2,337,031 2,426,157 2,398,722 2,671,567 2,578,883 2,615,232 2,500,179 2,390,676 2,497,452 2,524,880 1,584,342	2,634,701 2,407,068 2,631,809 2,693,355 2,805,394 2,560,060 2,661,145 2,640,064 2,862,647 3,140,51.7 3,183,982 3,220,800	3,226,289 2,864,438 3,220,953 3,082,740 3,174,764 3,043,200 2,965,655 2,989,675 2,946,611
Total 12 months First 9	26,012,805 18,950,487	28,351,514 20,623,780	30,080.248	33,445,360 23,900,261	27,514,325

### EXPORTS TO THE UNITED STATES

AT THE REST OF THE PROPERTY AND A SECURE ASSESSMENT OF THE PARTY ASSESSMENT OF	THE MENT AND ADDRESS OF THE PARTY OF THE PARTY OF	Who was the second of the seco	THE RESERVE AND ADDRESS OF THE PARTY OF THE	The second second	
January February March April May June July August September October November December	157,582 123,094 144,091 155,292 158,313 159,349 149,493 151,691 165,455 165,299 161,290	166,915 153,491 165,422 164,520 163,063 162,973 177,824 159,716 151,794 155,247 150,138	19.050 133,908 155,402 m. 203 193,354 190,704 203,058 106,230 186,985 168,904 185,437 199,306	192,470 176,043 201,613 211,694 210,495 187,044 197,433 167,000 183,984 196,578 199,856 214,261	206,530 176,136 216,110 216,355 225,610 212,012 195,827 195,145 186,292
Total 12 months	1,826,515	1,912,628	2,135,557	2,539,541	
First 9 "	1,334,471	1,455,444	1,581,295	1,748,846	1,829,017

January February March	1,522,381 1,404,034 1,539,443 1,447,356	1,612,995 1,455,426 1,581,562 1,528,777	1,805,591 1,680,884 1,786,563 1,734,640	2,188,080 2,008,725 2,194,373 2,146,361	2,756,555 2,480,082 2,740,830 2,627,713
May June July August	1,472,745 1,439,682 1,434,504 1,487,662	1,590,865 1,555,822 1,554,705 1,609,\$55	1,890,025 1,812,317 1,846,304 1,893,312	2,205,990 2,167,151 2,234,260 2,288,214	2,657,415 2,582,045 2,628,106 42,692,306
September October November December	1,508,400 1,602,664 1,588,315 1,809,049	1,630,038 1,753,729 1,760,849 1,770,859	1,986,870 2,021,032 2,030,222 2,083,949	2,411,334 +2,607,876 2,576,187 +2,674,835	2,666,733
Total 12 months First 9 *	18,056,235	19,405,182	16,386,306	/27,704,334 19,845,488	23,831,878

# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

# OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA OCTOBER, 1942

The output of central electric stations for October amounted to 3,166,186,000 kw. hrs. as compared with 3,140,317,000 kw. hrs. in October last year. This was an increase in firm or primary power of 213,580,000 kw. hrs. or 7.8 p.c. end a decrease of secondary power of 187,711,000 kw. hrs., or 46.4 p.c. Secondary power consumed in Quebec declined from 198,962,000 to 12,532,000 kw. hrs., or by 186,430,000 kw. hrs.

The increase in total output over September output was less than the usual and the index number dropped from 140.0 to 138.5.

Exports to the United States increased from 196,578,000 kw. hrs. in October, 1941 to 207,087,000 kw. hrs., all of which was in secondary power which increased from 72,217,000 to 87,374,000 kw. hrs.

Firm power produced for consumption in Canada (including line losses) amounted to 2,828,330,000 kw. hrs., a new high record, the daily average being 91,236,000 kw. hrs. as compared with 88,921,000 kw. hrs. in January, the previous high record, and 88,892,000 kw. hrs. in September. The index number adjusted for seasonal variations dropped from 185.0 for September to 182.9.

28/11/42

Price per year 50 cents.

Month of

(Thousands of

		Total	Prince Edward Island	Nova Scotia
	Production - Hydraulic Thermal	3,103,235	13 780	30,869
E C (A + B)	Total	3,166,186	793	46,996
	Receipts from other Provinces		• • •	• • •
			793	46,996
E (C.+ D)	Output plus Receipts		•••	
F	Deliveries to other Provinces			
G	Exports to U.S.A. Firm Power Secondary "	119,713 87,374	• • •	•••
H I (G. + H)	Total	207,087	•••	•••
J (F + I)	Total Deliveries		• • •	•••
		2,959,099	793	46,996
K (E - J)	Not consumption in Canada	2,000,000		
L	For Boilers For other uses in Canada	108,958		• • •
И (Г + M) M	Total	130,769	• • •	•••
0 (K - N)	Net consumption of Firm Power	2,828,330	793	46,996
	CUMULATIVE PRODUCTION TOTALS. Jan	nuary - October		
P	Firm Power 1941 1942	x23,650,000 27,857,014	6,804 7,731	391,050 404,786
R	Secondary Power 1941 (1) 1942 (1)	x 3,390,578 2,823,543		2,416
T (P + R) U (Q + S)	Total 1941 1942	27,040,578 30,680,557	6,804 7,731	393,466 405,725
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORTS	AND SECON
W ( Average		x 84,125 91,236	24 26	1,353
(1)	Tooludes Secondary Power experted	to U.S.A.		

(1) Includes Secondary Power exported to U.S.A. x Revised.

	January	February	March	April	May	June
1939 1940 1941 1942	105.7 111.9 116.7 142.9 PUTPUT	TOT. 106.4 113.7 115.7 137.6	104.1 106.8 115.8 141.7	102.9 112.3 126.1 144.3 DNDARY POWER	107.4 123.0 129.1 146.1	108.2 124.2 123.3 146.
1939 1940 1941 1942	107.0 119.7 145.1 182.8	106.9 123.4 147.5 182.1	106.7 120.5 148.0 184.9	108.0 126.1 151.7 185.7	109.9 130.6 152.4 183.6	110 • 129 • 154 • 184 •

#### STATION DATA

OCTOBER, 1942

Kilowatt hours)

New Brunswick	Quebec	Onterio	Manitoba	Saskat- chewan	Alberta	British Columbia
30,175 9,736	1,741,250 477	856,730	149,292 164	39,984 18,267	25,254 13,587	229,668 3,813
39,911	1,741,727	856,730	1 0,456	58,251	38,841	233,481
596	5,391	353 <b>,</b> 1.8	• • •	• • •	3,883	• • •
40,507	1,757,118	1,210,538	149,456	58,251	42,724	233,481
36	354,404	5,355	***		• • •	3,383
2,393	55,970	61,219 87,374	91	0 0 0 6 9 0		40
2,393	55,970	141,523	91			40
2,429	410,374	153,948	91	0 + 6	* * 0	3,923
38,078	1,336,744	1,056,590	149,365	58,251	42,724	229,558
555	12,532	47,814 21,811	47,867	• • •	* * *	190
555	12,532	60,625	47,867	9 * *	0 0 0	190
37,523	1,324,212	986,965	101,498	58,251	42,724	229,368
406,821 384,476	<b>12,</b> 769,576 16,307,275	x6,485,982 6,836,289	8 <b>67,4</b> 29 <b>911,</b> 803	468,607 521,542	250,642 330,398	1,983,089 2,152,714
24,737 22,713	1,510,699 843,313	x1,514,670 1,560,242	335,846 393,792	000	000	2,210 2,544
431,558 407,189	14,280,275 17,150,588	8,000,652 8,396,531	1,203,275 1,305,595	488,607 521,542	250,642 330,398	1,985,299 2,155,258
1,557 1,210	3€,542 42,716	x 31,621 31,838	5,108 3,274	1,722 1,879	1,054 1,378	7,144 7,399

July	August	September	Cctober	November	December
		TOTAL C	UTPUT		
108.4 128.6 130.8 145.8	109.5 119.4 126.1 142.8	113.1 114.0 136.2 140.0 LESS EXPORTS	113.3 108.8 137.4 138.5	112.3 109.J 137.5	109.4 111.4 138.9
111.6 132.5 160.5 188.6	112.3 132.0 159.6 187.8	113.1 130.9 167.4 185.0	113.4 130.7 166.7 171.5	115.9 133.6 160.5	116.1 136.6 175.3

### OUTPUT OF CENTRAL FLECTRIC STATIONS

### (Thousands of Kilowatt Hours)

Forth	1938	1939	1940	1941	1942
January February Merch	2,285,691 2,057,598 2,258,197 2,333,801	2,386,979 2,914,174 2,366,740 2,197,379	2,526,143 2,367,031 2,426,157 2,398,722	2,634,701 2,407,068 2,631,809 2,693,353	3,226,289 2,864,438 5,220,953 3,082,740
April May June July	2,081,935 1,078,155 1,087,774 2,075,90	2,383,443 2,245,537 2,205,844 2,298,688	2,671,567 2,578,883 2,615,232 2,500,170	2,805,394 2,560,060 2,661,145 2,640,084	5,174,764 3,043,200 x 2,965,671 x 2,989,690
Angustance Saptember Ucerter Norwest December	2,168,435 2,383,461 2,365,196	2,380,652 2,589,956 2,601,536 2,536,242	4,399,678 2,487,455 2,524,860 2,584,341	2,866,647 3,140,317 3,183,982 3,220,800	x 2,946,626 3,166,186
Total 12 months	26,012,805 21,283,948	28,351,514 23,213,736	30,080,248 24,971,047	<b>33,445,360</b> 27,040,578	30,680,557

#### EXPORTS TO THE UNITED STATES

January February	157,582 123,094 144,091 135,616	166,915 153,491 165,422 141,523	149,050 139,908 155,402 170,600	192,470 176,643 201,613 211,594	206,530 176,136 216,110 216,355
April Say June July (a. just)	155,202 158,313 159,349 149,493	164,520 163,063 162,973 177,824	195,354 190,704 203,058 192,236	210,495 187,044 197,433 187,600	225,610 212,012 195,827 195,145
September Cctober November December	151,681 165,455 165,299 161,290	150,715 151,794 155,247 150,138	186,983 168,904 185,492 199,866	183,954 196,578 199,856 214,261	185,292 207,087
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 10 "	1,499,926	1,607,238	1,750,199	1,945,424	2,036,104

February March	1,522,381 1,404,034 1,539,443	1,612,995 1,455,426 1,581,562 1,528,777	1,805,591 1,680,884 1,786,563 1,784,640	2,188,080 2,008,725 2,194,373 2,146,361	2,756,555 2,480,082 2,740,830 2,627,713
May June	1,472,745 1,439,682 1,434,501 1,467,662	1,590,865 1,555,822 1,564,705 1,609,555	1,890,025 1,812,317 1,848,304 1,893,312	2,205,990 2,167,151 2,234,260 2,288,214	2,657,415 2,582,045 x 2,628,122 x 2,692,321
September October November December	1,508,400 1,602,664 1,588,315 1,609,049	1,630,038 1,753,729 1,760,849 1,770,559	1,886,670 2,021,032 2,030,222 2,083,949	2,412,334 2,607,876 2,576,187 2,674,833	x 2,666,748 2,828,330
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,384	
First 10 "	14,858,871	15,873,474	18,407,338	22,453,364	26,660,161

Published by Authority of the Hon. James A. MACKINNON, M.P.,
Minister of Trade and Commerce.

# DOMINION BUREAU OF STATISTICS TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA NOVEMBER, 1942

For the first time this year the total output of central electric stations was less than for the corresponding month in 1941. The total output for November was 3,180,150,000 kw. hrs. as compared with 3,183,982,000 kw. hrs. in November last year. This decrease was all in secondary power which dropped from 485,471,000 to 238,077,000 kw. hrs.

Exports to the United States increased from 199,856,000 kw. hrs. last year to 206,191,000 kw. hrs. Primary power exports, however, decreased by 6,769,000 kw. hrs. or 5.5 p.c., and secondary power exports increased by 13,104,000 kw. hrs. or 16.9 p.c.

Secondary power for use in Canada decreased from 407,939,000 kw. hrs. in November last year to 147,441,000 kw. hrs.

Consumption of firm power in Canada amounted to 2,826,521,000 kw. hrs. as against 2,828,330,000 kw. hrs. in October and 2,576,187,000 kw. hrs. in November, 1941. This was a daily average of 94,217,000 kw. hrs., the highest reached to date, and exceeded the October average by 3.5 p.c., the November 1941 average by 9.7 p.c., and the November 1940 average by 39.2 p.c.

The index number for firm power consumption adjusted for seasonal variations, was 186.0 as against the peak of 188.6 for July.

(Thousands of

	· · · · · · · · · · · · · · · · · · ·				
A CONTRACTOR OF THE CONTRACTOR		Total	Prince Edward Island	Nova . Scotia	
A .	Production - Hydraulic Thermal	3,115,335 64,818	20 894	31,863 16,122	
C (A + B)	Total	3,180,150	914	47,985	
D	Receipts from other Provinces			u • •	
E (C + D)	Output plus Receipts		914	47,985	
F	Deliveries to other Provinces			* • •	
G H	Exports to U.S.A.  Firm Power Secondary	115,555 90,636			
I (G + H)	Total	206,191			
J (F + I)	Total Deliveries		• • •	• • •	
K (E - J)	Net consumption in Canada	2,973,962	914	47,985	
L	Secondary Power  For Boilers  For other uses in Canada	126,237 21,204	• • •		
И (Г+ И)	Total	147,441	9 0 0	• • •	
0 (K - N)	Net consumption of Firm Power	2,826,521	914	47,985	
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - Novemb	er		
P	Firm Power 1941 1942	26,348,511 30,799,090	7,700 8,645	433,707 452,771	
R	Secondary Power 1941 (1) 1942 (1)	x3,876,049 3,061,620	• • •	2,568 939	
T (P + R) U (Q + S)	Total 1941 1942	30,224,560 33,860,710	7,700 8,645	436,275 453,710	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORTS	& SECOND.	ARY POWER)
V (Average	of 0) 1941	85,873 94,217	30 30	1,422	
Larentee and the second		A- 11 0 A			

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June	
1939 1940	105.7	106.4 113.7	AL OUTPUT. 104.1 106.8	102.9	107.4	108.2 124.2 123.3	
1942	116.7 142.9 OUTPU	115.7 137.6 LESS EXPOR	115.8 141.7 TS AND SECO	126.1 144.3 ONDARY POWER	129.1	146.6	
1939 1940 1941	107.0 119.7 145.1	106.9 123.4 147.5 182.1	106.7 120.5 148.0 184.9	108.0 126.1 151.7 185.7	109.9 130.6 152.4 183.6	110.9 129.2 154.5 184.1	
1942	182.8	700.01	102.3	1000			

NOVEMBER, 1942

Kilowatt hours)

				The second secon		-	ny statement managambana and administration
	New Brunswick	Quebec	Onterio	Manitoba	Saskat- chewan	Alberta	British Columbia
÷	36,485 10,059	1,727,967 498	865,734	157,703 170	46,169 20,018	25,457 14,862	223,937 2,195
	46,544	1,728,465	865,734	157,873	66,187	40,319	226,132
	610	5,286	339,191	000		3,473	3 + 9
	47,154	1,733,751	1,205,025	157,873	66,187	43,792	226,132
	* * *	330,901	5,28€	\$ & 3.	* * *	8 2 7	3,473
	2,856	54,851	58,229 90,636	94	@ 14 0 7 0 0	) G 0	45
	2,836	54,351	148,865	44	6 9 9	4.4.9	45
	2,836	394,252	154,151	34	2 4 9	a 2 b	3,518
	44,318	1,339,499	1,050,874	157,779	66,187	43,792	222,614
	1,749	18,487	52,962 21,204	54,990	6 13 0	6 3 2	49
	1,749	18,487	72,166	54,990	0 0 0		. 49
	42,569	1,321,012	978,708	102,789	66,187	43,792	222,565
	453,576 429,271	14,266,985 18,017,254	x7,191,471 7,539,221	965,323 1,014,386	543,371 587,729	282,401 370,717	2,203,977 2,378,796
	27,823 24,462	1,773,934 861,799	x1,678,506 1,723,044	390,687 448,782	e 0 0		2,551 2,594
	481,399 453,733	16,040,919	8,869,977 9,262,265	1,355,990 1,463,468	543,371 587,729	282,401 370,717	2,206,528 2,381,390
	1,474 1,419	37,029 44,034	32,413 32,684	3,259 3,486	1,826 2,206	1,124 1,460	7,296 7,419

	Jr:? y	August	September	Cotober	hovember	December	
			TOTAL O	UTPUT			
•	100.4 128.6 130.8 145.8	109.5 119.4 126.1 142.8 OUTPUT	113.1 114.0 136.2 140.0 LESS EXPORTS	113.3 108.8 137.4 138.5 AND SECONDA	112.3 109.0 137.5 137.3 RY POWER	109.4 111.4 138.9	
51.5	111.6 1.2.5 160.5 186.6	112.3 132.6 153.7 187.8	113.1 .20.9 167.4 193.3	113.4 130.7 166.7 191.6	115.9 133.6 159.5	116.1	The state of the s

## OUTPUT OF CENTRAL ELECTRIC STATIONS

### (Thousands of Kilowatt Hours)

Month	1938	1939	1940	1941	1942
January February Wasch	2,283,691 2,057,598 2,258,197 2,063,801	2,386,979 2,214,174 2,366,740 2,197,379	2,526,143 2,367,031 2,426,157 2,398,722	2,634,701 2,407,068 2,631,809 2,693,353	3,226,289 2,864,438 5,220,953 3,082,740
April May June July	2,081,935 1,973,155 1,987,774 2,075,901	2,333,443 2,245,537 2,205,844 2,293,032	2,671,567 2,578,883 2,615,232 2,500,179	2,805,394 2,560,060 2,661,145 2,640,084	3,174,764 3,043,200 2,965,671 2,989,690
August September October Navember December	2,168,435 2,333,461 2,375,661 2,353,196	2,380,652 2,589,956 2,601,536 2,536,242	2,399,678 2,487,455 2,524,860 2,584,341	2,866,647 3,140,317 3,185,982 3,220,800	2,946,626 3,166,186 3,180,153
Total 12 months First 11 "	26,012,805 23,659,609	28,351,514 25,815,272	30,080,248 27,495,907	<b>33,445,360</b> 30,224,560	33,860,710

### EXPORTS TO THE UNITED STATES

Janes J February	157,532 123,094	166,915 153,491	149,050 139,908	192,470 176,643 201,613	206,530 176,136 216,110
March April	144,091 135,616	165,422 141,523	155,402	211,594	216,355
Sy June July August	155,292 158,313 159,349 149,493	164,520 163,063 162,973 177,824	193,354 190,704 203,058 192,236	210,495 187,044 197,433 187,600	225,610 212,012 195,827 195,145
beptenber October November December	151,691 165,455 165,299 161,290	159,713 151,794 155,247 150,138	186,983 168,904 185,492 199,866	183,954 196,578 199,856 214,261	185,292 207,087 206,191
Total 12 months	1,826,515	1,912,623	2,135,557	2,359,541	
First 11 "	1,665,225	1,762,485	1,935,691	2,145,280	2,242,295

					The second liverage and the se
January February March	1,522,381 1,404,034 1,539,443 1,447,356	1,612,995 1,455,426 1,581,562 1,528,777	1,805,591 1,680,884 1,786,563 1,784,640	2,188,080 2,008,725 2,194,373 2,146,361	2,756,555 2,480,082 2,740,830 2,627,713
April May June	1,472,745 1,439,682 1,434,504 1,487,662	1,590,865 1,555,822 1,554,705 1,609,555	1,890,025 1,812,317 1,846,304 1,893,312	2,205,990 2,167,151 2,234,260 2,288,214	2,657,415 2,582,045 2,628,122 2,692,321
August September October Nomember	1,508,400 1,602,664 1,588,315 1,609,049	1,630,038 1,753,729 1,760,849 1,770,859	1,886,670 2,021,032 2,030,222 2,083,949	2,412,334 2,607,876 2,576,187 2,674,833	2,666,748 2,828,330 2,826,522
Total 12 months First 11 "	18,056,235	19,405,182 17,634,323	22,521,509	27,704,384 25,029,551	29,486,683

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# TRANSPORTATION AND PUBLIC UTILITIES BRANCH OTTAWA

Dominion Statistician, S. A. CUDMORE, M.A. (Oxon.), F.S.S., F.R.S.C. Chief, Transportation and Public Utilities Branch, G.S. Wrong, B.Sc.

## OUTPUT OF CENTRAL ELECTRIC STATIONS IN CANADA DECEMBER, 1942

Central electric stations produced 5,248,672,000 kw. hrs. in December, a new all-time peak, as compared with 3,220,800,000 kw. hrs. in December, 1941.

Exports to the United States amounted to 211,444,000 kw. hrs., a decrease from December 1941 exports of 1.3 p.c., exports of both firm and secondary power being lighter.

Secondary power produced for use in Canada dropped from 331,706,000 kw. hrs. in December 1941 and 147,441,000 kw. hrs. in November 1942 to 107,380,000 kw. hrs.

Firm power consumed in Canada (including line losses) amounted to 2,929,848,000 kw.hrs., which was also a new high record. The daily average was 94,511,000 kw. hrs. as compared with 94,257,000 kw. hrs. in November and 86,187,000 kw. hrs. in December 1941.

The output for the year was 37,109,976,000 kw. hrs. as compared with 53,445,560,000 kw. hrs. in 1941 and 50,080,248,000 kw. hrs. in 1940.

Experts to the United States amounted to 2,453,759,000 kw. hrs., made up of 1,434,951,000 kw. hrs. of firm power and 1,018,788,000 kw. hrs. of secondary power as compared with 1,443,940,000 and 915,601,000 kw. hrs. respectively, in 1941.

Secondary power produced for use in Canada dropped from 3,381,435,000 kw. hrs. in 1941 to 2,259,113,000 kw. hrs., and was less than a third of the 1939 consumption of secondary power.

Firm power consumption, computed by deducting secondary power and exports from total production, amounted to 52,417,124,000 kw. hrs. This was an increase over 1941 consumption of 4,712,740,000 kw. hrs. or 17 p.c., and an increase over 1959 consumption of 13,011,942,000 kw. hrs. or 66 p.e.

Month of

(Thousands of

and the second s		Total	Prince Edward Island	Nova Scotia	
A B	Production - Hydraulic Thermal	3,184,735 63,937	18 936	33,231 16,228	
C (A + B).	Total	3,248,672	954	49,459	
D D	Receipts from other Provinces			• • •	
E (C + D)	Output plus Receipts		954	49,459	
	Deliveries to other Provinces			• • •	
F G	Exports to U.S.A.  Firm Power Secondary "	122,543 88,901	• • •		
H (G + H)	Total	211,444	• • •	• • •	
J (F + I)	Total Deliveries	211,444	0 0 0	•••	
K (E - J)	Net consumption in Canada	3,037,228	954	49,459	
L	Secondary Power  For Boilers  For other uses in Canada	86,011 21,369	• • •	• • •	
N (T + M)	Total	107,380	0 • 0	• • •	
0 (K - N)	Net consumption of Firm Power	2,929,848	954	49,459	
	CUMULATIVE PRODUCTION TOTALS. Jan	uary - Decemb	er		
	Firm Power 1941 1942	29,148,325 34,870,863	8,666 9,599	477,285 502,230	
Q. R	Secondary Power 1941 (1) 1942 (1)	4,297,035	• • •	2,568 9 <b>39</b>	
T (P + R) U (Q + S)	Total 1941 1942	33,445,360 37,109,976	8,666 9,599	479,853 503,169	
	DAILY AVERAGE CONSUMPTION OF FIRM	POWER (OUTPUT	LESS EXPORTS	AND SECON	DARY
W ( Average		86,107 94,511	31 31	1,406 1,595	

(1) Includes Secondary Power exported to U.S.A.

	January	February	March	April	May	June
1939 1940 1941 1942	105.7 111.9 116.7 142.9 OUTPUT	TOT. 106.4 113.7 115.7 137.6	104.1 106.8 115.8	102.9 112.3 126.1 144.5 DMDARY POWER	107.4 123.0 129.1 146.1 (Revised)	108.2 124.2 123.3 146.6
1939 1940 1941 1942	107.0 119.7 145.1 182.8	106.9 123.4 147.5 182.1	106.7 120.5 148.0 184.9	108.0 126.1 151.7 185.7	109.9 130.6 152.4 183.6	110.9 129.2 154.5 184.1

STATION DATA

DECEMBER, 1942

Kilowatt hours)

	New Brunswick	Quebec	Onterio	Manitoba	Saskat - chewan	Alberta	British Columbia
	20,350	1,784,572	8 <b>79</b> ,250	165,876 216	41,361 21,626	34,089 11,024	225,988 2,282
	31,463	1,785,078	879,256	166,092	62,987	45,113	228,270
	331	5,286	349,545	0 0 o	<b>0</b> 0 0	2,263	0.00
	31,794	1,790,364	1,228,801	166,092	62,987	47,376	228,270
	41	349,876	5,245	• • •	<b>8 6  6</b>	000	2,263
	2,525	55,878	64,003 88,901	103	0 • • 0 • 0	0 0 0	54
	2,525	55,878	152,904	103	000	900	54
	2,566	405,754	158,149	103	000	0 0 0	2,297
	29,228	1,384,610	1,070,652	165,989	62,987	47,376	225,973
	9 6 6 6 6 6	13,755	11,457	60,799	* * *	3 0 6 0 0 0	⊕ ⊕ € ⊕ ⊕ ⋒
·	• • •	13,755	32,826	60,799	. •••	0 0 0	6 9 0
	29,228	1,370,855	1,037,826	105,190	62,987	47,376	225,973
	503,138 480,734	15,830,130 19,788,577	7,919,5 <b>94</b> 9,316,132	1,063,431 1,119,979	601,502 650,716	316,367 415,830	2,428,212 2,607,066
	\$1,697 24,462	1,947,160 875,554	1,860,770 825,983	451,956 509,581	000	© 9 4	2,8 <b>84</b> 2,594
	534,835 485,196	17,777,290 20,664,131	9,780,364	1,515,387 1,629,560	601,502 650,716	316,867 415,830	2,431,096 2,609,660
	1,514 943	37,557 44,221	52,413 53,478	5,161 3,393	1,875	1,166	7,161 7,289

July	August	September	October	November	December	*
		TOTAL C	UTPUT			
108.4 128.6 130.8 145.8	109.5 119.4 126.1 142.8 OUTPUT	113.1 114.0 136.2 140.0 LESS EXPORTS	113.3 108.8 137.4 138.5 AND SECONDA	112.3 109.0 137.5 137.3 RY POWER (Re	109.4 111.4 138.9 140.1 vised)	
111.6 132.5 160.5 188.6	112.3 132.0 159.6 187.8	113.1 130.9 167.4 185.0	113.4 130.7 168.7 182.9	115.9 133.6 169.5 186.0	116.1 136.6 175.3 192.0	

### OUTPUT OF CENTRAL ELECTRIC STATIONS

#### (Thousands of Kilowatt Hours)

Sonth	1938	1935	1940	1941	1942
Jamery February March	2,283,651 2,057,558 2,258,197 2,023,201	2,386,979 2,214,174 2,366,740 2,137,879	2,526,143 2,567,051 2,426,157 2,398,722	2,634,701 2,407,068 2,631,809 2,695,353	3,226,289 2,864,438 3,220,953 3,082,740
April day June July	2,081,865 1,973,155 1,987,774 2,075,301	2,353,445 2,245,537 2,205,844 2,293,032	2,671,567 2,578,383 2,615,232 2,500,179	2,805,394 2,560,060 2,661,145 2,640,084	5,174,764 5,043,200 2,965,671 2,989,690
August September October November December	2,168,235 2,233,461 2,375,061 2,355,196	2,380,652 2,589,956 2,500,236 2,500,242	2,399,678 2,487,455 2,524,850 2,054,591	2,866,647 3,140,317 3,183,982 5,220,800	2,946,626 x 3,166,176 x 3,180,757 3,248,672
Total 12 months	26,012,805	28,351,514	30,080,248	33,445,360	37,109,976

#### EXPORTS TO THE UNITED STATES

January February March	157,532 123,094 144,091 123,616	166,915 1,5,101 165,422 141,523	149,050 134,008 155,402 170,600	192,470 176,643 201,613 211,594	206,550 176,136 216,110 216,355
pril by une uly	155,297 158,313 159,349	164,520 163,063 162,973 177,824	193,354 190,704 203,058 192,236	210,495 187,044 197,435 187.600	225,610 212,012 195,827 195,145
mgust September October November	151,691 165,455 165,299 161,290	159,713 151,794 155,247 150,138	1.86,983 168,904 185,492 199,866	183,954 196,578 199,856 214,261	185,292 207,087 206,191 211,444
Total 12 months	1,826,515	1,912,625	2,135,557	2,359,541	2,455,759

January February March	1,522,361 1,404,034 1,539,443 1,447,356	1,612,995 1,455,426 1,581,562 1,528,777	1,805,591 1,680,884 1,786,563 1,784,640	2,188,080 2,008,725 2,194,575 2,146,561	2,756,555 2,480,082 2,740,830 2,627,713
April	1,472,745	1,590,865	1,890,025	2,205,990	2,657,415
May	1,439,662	1,555,822	1,812,817	2,167,151	2,582,045
June	1,134,504	1,554,705	1,046,504	2,234,260	2,628,122
July	1,487,662	1,609,555	1,853,312	2,288,214	2,692,321
August September October Hovember Denember	1,508,400	1,630,038	1,886,670	2,412,334	2,666,748
	1,602,864	1,753,729	2,021,052	2,607,876	x 2,828,520
	1,588,815	1,760,849	2,030,222	2,576,187	x 2,827,125
	1,609,049	1,770,859	2,083,949	2,674,833	2,929,848
Total 12 months	18,056,235	19,405,182	22,521,509	27,704,384	52,417,124









